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CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 1, 2017

1. Transmittal Fee (Rule 14)	**$300**
2. International Filing Fee	**$1792***
For each additional sheet over 30	**$20**
3. International Search Fee	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 1 janvier 2017

1. Taxe de transmission (Règle 14)	**300 $**
2. Taxe de dépôt internationale	**1792 $***
Pour chaque feuille au delà de 30	**20 $**
3. Taxe de recherche internationale	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(*a*))	**S269**
6. Preliminary examination fee (Rule 58)	**S800**

* International fees will be reduced by:

- **S269** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **S404** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*))	**269 S**
6. Taxe d'examen préliminaire (Règle 58)	**800 S**

* Les frais seront réduits de:

- **269 S** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **404 S** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

STATUTORY HOLIDAYS *(DIES NON)*

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Time limits under the *Patent, Trade-marks, Industrial Design, Copyright* and *Integrated Circuit Topography Acts*

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

Time limits under the *Patent* and *Trade-marks Acts*

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts*.

13. Énoncé de pratique

JOURS FÉRIÉS (*DIES NON*)

Nota : *Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.*

Délais prévus dans *les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur* et *les topographies de circuits intégrés*

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Délais prévus dans la *Loi sur les brevets* et dans la *Loi sur les marques de commerce*

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

"If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

on which such Office or organization is not open to the public for the purposes of the transaction of official business;
on which ordinary mail is not delivered in the locality in which such Office or organization is situated;
which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or
which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists."

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit :

"Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour :

où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;
où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;
qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou
qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus."

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après ne sont pas des jours fériés pour l'administration fédérale, mais ils sont des jours fériés dans au moins une province ou territoire :

1) **Alberta:** 3rd Monday in February (Alberta Family Day)
2) **British Columbia:** 1st Monday in August (British Columbia Day)
3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
5) **Ontario:** 3rd Monday in February (Ontario Family Day) 1st Monday in August (Civic Holiday)
6) **Quebec:** June 24 (St. John the Baptist Day)
7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
8) **Yukon:** 3rd Monday in August (Discovery Day) When Patent and Trade-marks Offices are closed for business

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

All Saturdays and Sundays
*New Year's Day (Jan. 1)
Good Friday
Easter Monday
Victoria Day - First Monday immediately preceding May 25
*St. John the Baptist Day (June 24)
*Canada Day (July 1)
Labour Day - First Monday in September
Thanksgiving Day - Second Monday in October
*Remembrance Day (November 11)
*Christmas Day (December 25)
Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

14. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

1) **Alberta** : 3e lundi de février (Jour de la Famille de l'Alberta)
2) **Colombie-Britannique** : 1er lundi d'août (Fête de la Colombie-Britannique)
3) **Nouveau-Brunswick** : 1er lundi d'août (Fête du Nouveau-Brunswick)
4) **Nouvelle-Écosse** : 1er lundi d'août (congé statutaire)
5) **Ontario** : 3e lundi de février (Jour de la Famille de l'Ontario) 1er lundi d'août (congé statuaire)
6) **Québec** : 24 juin (Saint-Jean-Baptiste)
7) **Saskatchewan** : 1er lundi d'août (Fête de la Saskatchewan)
8) **Yukon** : 3e lundi d'août (Jour de la Découverte) Jours de fermeture au public des bureaux des brevets et des marques de commerce

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants :

Tous les samedi et dimanche
*Jour de l'An (1er janvier)
Vendredi Saint
Lundi de Pâques
Fête de Victoria - premier lundi précédant immédiatement le 25 mai
*Saint-Jean-Baptiste (le 24 juin)
*Fête du Canada (1er juillet)
Fête du travail - premier lundi de septembre
Jour de l'Action de grâces - deuxième lundi d'octobre
*Jour du souvenir (11 novembre)
*Jour de Noël (25 décembre)
L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

14. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée (en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

15. Correspondence Procedures

May 24, 2016

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

For the purposes of sections 5 and 54 of the *Patent Rules*, section 3 of the *Trade-marks Regulations*, section 2 of the *Copyright Regulations*, section 3 of the *Industrial Design Regulations* and section 3 of the *Integrated Circuit Topography Regulations*, the address of the Patent Office, the Office of the Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the *Patent Act* for obtaining a filing date, the documents will be returned to the sender.

Note regarding Fee Payment Forms: The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

15. Procédures de correspondance

le 24 mai, 2016

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance .

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

Aux fins des articles 5 et 54 des *Règles sur les brevets*, de l'article 3 du *Règlement sur les marques de commerce*, de l'article 2 du *Règlement sur le droit d'auteur*, de l'article 3 du *Règlement sur les dessins industriels* et de l'article 3 du *Règlement sur les topographies de circuits intégrés*, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus pendant les heures normales d'ouverture sera réputée reçue le jour de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la *Loi sur les brevets* pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Note concernant le formulaire de paiements: Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1. Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-marks Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Industry Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 613-952-2268

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Industry Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6
   Tel.: 514-496-1797
   Toll-free: 1 888 237-3037

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Industry Canada
   151 Yonge Street, 4th Floor
   Toronto ON M5C 2W7
   Tel.: 416-973-5000

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Industry Canada
   Canada Place
   9700 Jasper Avenue, Suite 725
   Edmonton AB T5J 4C3
   Tel.: 780-495-4782
   Toll-free: 1 800 461-2646

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Industry Canada
   Library Square
   300 West Georgia Street, Suite 2000
   Vancouver BC V6B 6E1
   Tel.: 604-666-5000

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which

1. Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Industrie Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 613-952-2268

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Industrie Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6
   Tél. : 514-496-1797
   Sans frais : 1-888-237-3037

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Industrie Canada
   151, rue Yonge, 4e étage
   Toronto (Ontario) M5C 2W7
   Tél. : 416-973-5000

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Industrie Canada
   Canada Place
   9700, avenue Jasper, pièce 725
   Edmonton (Alberta) T5J 4C3
   Tél. : 780-495-4782
   Sans frais : 1-800-461-2646

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Industrie Canada
   Library Square
   300, rue Georgia Ouest, pièce 2000
   Vancouver (C.-B.) V6B 6E1
   Tél. : 604-666-5000

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date.

CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. If, for example, correspondence intended for the Patent Office is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO is closed for business.

Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin à l'établissement désigné à Toronto ne se verra pas attribuer cette date de réception puisque l'OPIC est alors fermé au public.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

2. *Registered Mail*™ and *Xpresspost*™ Service of Canada Post

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-mark Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the *Registered Mail* ™ and *Xpresspost*™ services of Canada Post are designated establishment or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the *Registered Mail* ™ and *Xpresspost*™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

2. Service *Courrier recommandé* MC et *Xpresspost*MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les services *Courrier recommandé*MC et *Xpresspost*MC de Postes Canada sont des établissements ou des bureaux désignés auquels la correspondance adressée au commissaire aux brevets, Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

L'OPIC considère que la correspondance livrée par l'entremise des services *Courrier recommandé*MC et *Xpresspost*MC de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

3. Electronic Correspondence

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, subsection 3(6) of the *Trade-marks Regulations*, subsection 2(6) of the *Copyright Regulations*, subsection 3(6) of the *Industrial Design Regulations*, and subsection 3(6) of the *Integrated Circuit Topography Regulations*, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online via CIPO's Web site or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the *Patent Rules*, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the

3. Correspondance électronique

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, du paragraphe 3(6) du *Règlement sur les marques de commerce*, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du *Règlement sur les dessins industriels* et du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne sur le site web de l'OPIC ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des *Règles sur les brevets*, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à

national phase will not be accepted.

Subsection 3(9) of the *Trade-marks Regulations* specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

3.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

819-953-CIPO (953-2476) or
819-953-OPIC (953-6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the *Patent Rules* apply to facsimile correspondence.

3.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically via CIPO's Web site.

des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du *Règlement sur les marques de commerce* prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

3.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

819-953-OPIC (953-6742) ou
819-953-CIPO (953-2476)

La correspondance par télécopieur qui est transmise à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevez après votre envoi par télécopieur constituera votre accusé de réception de l'envoie. La confidentialité du processus de transmission par télécopieur ne peut pas être garantie.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des *Règles sur les brevets* s'appliquent à la correspondance par télécopieur.

3.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC.

Patents

For the purpose of subsection 5(6) of the *Patent Rules*, the following correspondence with the Patent Office may be sent electronically via CIPO's web site by accessing the following web pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe and ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register of patent agents;
- ordering copies in paper, or electronic form of a document.

Brevets

Aux fins du paragraphe 5(6) des *Règles sur les brevets*, la correspondance suivante destinée au Bureau des brevets peut être envoyés par voie électronique au moyen du site Web de l'OPIC, notamment par les pages Web suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe et ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Canada as Receiving Office Under the PCT: PCT-SAFE and ePCT

Pursuant to PCT Rule 89*bis*, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT e-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Le Canada comme office récepteur au titre du PCT: PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Trade-marks

For the purpose of subsection 3(6) of the *Trade-marks Regulations*, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically via CIPO's Web site, by accessing the following web pages:

- filing a new or revised trade-mark application;
- renewal of a trade-mark registration;
- request to enter a name on the list of trade-mark agents;
- annual renewal of a trade-mark agent;
- requesting copies of trade-mark documents;
- filing of a declaration of use;
- registration of a trade-mark application; and
- statement of Opposition; and
- extensions of time in trade-mark opposition cases.

Marques de commerce

Aux fins du paragraphe 3(6) du *Règlement sur les marques de commerce*, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être transmise par voie électronique sur le site Web de l'OPIC notamment par les pages Web suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the *Copyright Regulations*, the following correspondence addressed to the Copyright Office may be sent electronically via CIPO's Web site, by accessing the following web pages:

- application for registration of a copyright in a work;
- application for registration of a copyright in a performer's performance, sound recording or a communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

Droits d'auteur

Aux fins du paragraphe 2(6) du *Règlement sur le droit d'auteur*, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre;
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the *Industrial Design Regulations*, the following correspondence addressed to the Commissioner of Patents may be sent electronically via CIPO's web site, by accessing the following web pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du *Règlement sur les dessins industriels*, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the *Integrated Circuit Topography Regulations*, the following correspondence addressed to the Registrar of Topographies may be sent electronically via CIPO's web site, by accessing the following web pages:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits integers

Topographies de circuits intégrés
Aux fins du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- correspondance générale relative aux topographies de circuits intégrés.

3.3 Electronic Medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements

3.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande.

prescribed in the *Patent Rules* still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the *Patent Rules*, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to *PCT Rules* 89*bis* and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or
ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing

Les exigences relatives à la date de dépôt énoncées dans les *Règles sur les brevets* resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des *Règles sur les brevets*, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

Le Canada comme office récepteur au titre du PCT: Dépôt électronique des listages de séquences

Conformément aux *Règles* 89bis et 89ter *du PCT* et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou
ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des

fee, refer to Section 7 of the PCT Administrative Instructions.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

4. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, the acceptable file formats for documents submitted electronically via the web site or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the *Patent Rules*, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black & white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;

séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationalcale.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

4. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, les formats de fichiers acceptables pour les documents présentés par voie électronique sur le site Web ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des *Règles sur les brevets*, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Résolution : 300 ou 400 ppp;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF :

- Compatible avec Adobe Portable Document Format Version 1.4;
- Texte non comprimé, pour faciliter la recherche;
- Texte non chiffré;

- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

ASCII Format:

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

Industrial Design

For the purposes of subsections 3(6) and 12(3) of the *Industrial Design Regulations*, the acceptable file formats for documents submitted electronically via the web site are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database.

5. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

- Pas d'objets OLE incorporés;
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

Format ASCII :

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du *Règlement sur les dessins industriels*, les formats de fichiers acceptables pour les documents présentés électroniquement par le site Web sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris);
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Pour toutes les images soumises dans différents formats, le bureau peut imprimer les images et les balayer par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données.

5. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of January 31, 2017 contains applications open to public inspection from January 15, 2017 to January 21, 2017.

16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 31 janvier 2017 contient les demandes disponibles au public pour consultation pour la période du 15 janvier 2017 au 21 janvier 2017.

Canadian Patents Issued

January 31, 2017

Brevets canadiens délivrés

31 janvier 2017

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[13] C
[51] **Int.Cl. G01N 33/68 (2006.01) A61K 39/00 (2006.01) G01N 33/564 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **ANNEXINS AND AUTOANTIBODIES USED AS MARKERS FOR CANCER**
[54] **ANNEXINES ET ANTICORPS UTILISES COMME MARQUEURS POUR LE CANCER**
[72] HANASH, SAMIR M., US
[72] MISEK, DAVID, US
[72] HINDERER, ROBERT, US
[72] BEER, DAVID, US
[72] BRICHORY, FRANCK, US
[73] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
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[86] 2000-08-04 (PCT/US2000/021514)
[87] (WO2001/011372)
[30] US (09/370,337) 1999-08-06

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[11] **2,471,110**
[13] C
[51] **Int.Cl. C12N 15/11 (2006.01) A61K 38/08 (2006.01) A61K 38/12 (2006.01) A61K 38/21 (2006.01) A61P 35/00 (2006.01) C07K 7/06 (2006.01) C07K 7/64 (2006.01) C07K 14/025 (2006.01) A61K 38/00 (2006.01)**
[25] EN
[54] **PEPTIDES FOR TREATMENT OF THE HUMAN PAPILLOMAVIRUS(HPV)-ASSOCIATED CANCER AND OTHER EPITHELIAL TUMORS**
[54] **PEPTIDES POUR LE TRAITEMENT DU CANCER ASSOCIE AU VIRUS DU PAPILLOME HUMAIN (VPH) ET D'AUTRES TUMEURS EPITHELIALES**
[72] PEREA RODRIGUEZ, SILVIO ERNESTO, CU
[72] REYES ACOSTA, OSVALDO, CU
[72] SANTIAGO VISPO, NELSON FRANCISCO, CU
[72] PUCHADES IZAGUIRRE, YAQUELIN, CU
[72] SILVA RODRIGUEZ, RICARDO, CU
[72] MORO SORIA, ALEJANDRO, CU
[72] SANTOS SAVIO, ALICIA, CU
[72] GONZALEZ LOPEZ, LUIS JAVIER, CU
[72] GONZALEZ BARRIOS, BELKIS, CU
[73] CENTRO DE INGENIERIA GENETICA Y BIOTECNOLOGIA, CU
[85] 2004-06-18
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[51] **Int.Cl. A61B 1/00 (2006.01) A61B 1/005 (2006.01) A61B 17/00 (2006.01) A61B 17/28 (2006.01) A61B 10/00 (2006.01)**
[25] EN
[54] **HANDLE FOR ENDOSCOPIC DEVICE**
[54] **POIGNEE POUR DISPOSITIF ENDOSCOPIQUE**
[72] NOBIS, RUDOLF, US
[72] HESS, CHRISTOPHER J., US
[73] ETHICON ENDO-SURGERY, INC., US
[86] (2482733)
[87] (2482733)
[22] 2004-09-28
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[11] **2,499,917**
[13] C
[51] **Int.Cl. G06K 19/06 (2006.01) G06F 3/0354 (2013.01) A63H 3/33 (2006.01) A63H 5/00 (2006.01) G06F 3/01 (2006.01) G06F 3/042 (2006.01) G06K 9/78 (2006.01)**
[25] EN
[54] **INFORMATION REPRODUCING METHOD, INFORMATION INPUTTING/OUTPUTTING METHOD,INFORMATION REPRODUCING DEVICE, PORTABLE INFORMATION INPUTTING/OUTPUTTING DEVICE AND ELECTRONIC TOY USING DOT PATTERN**
[54] **PROCEDE DE REPRODUCTION D'INFORMATION, PROCEDE ENTREE/SORTIE D'INFORMATION, DISPOSITIF DE REPRODUCTION D'INFORMATION, DISPOSITIF ENTREE/SORTIE D'INFORMATION MOBILE ET JOUET ELECTRONIQUE UTILISANT LE MOTIF EN POINTILLES**
[72] YOSHIDA, KENJI, JP
[73] YOSHIDA, KENJI, JP
[85] 2005-03-22
[86] 2003-09-26 (PCT/JP2003/012364)
[87] (WO2004/029871)
[30] JP (2002-281815) 2002-09-26
[30] JP (2002-292907) 2002-10-04
[30] JP (2002-380503) 2002-12-27
[30] JP (2002-380932) 2002-12-27
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[51] **Int.Cl. A61K 35/17 (2015.01) A61K 9/10 (2006.01) C12N 5/02 (2006.01)**
[25] EN
[54] **CELL THERAPY FORMULATION METHOD AND COMPOSITION**
[54] **FORMULATION, PROCEDE ET COMPOSITION POUR THERAPIE CELLULAIRE**
[72] HAR-NOY, MICHAEL, IL
[73] IMMUNOVATIVE THERAPIES, LTD., IL
[85] 2005-12-20
[86] 2005-03-01 (PCT/US2005/006446)
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[51] **Int.Cl. H04W 80/02 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CELL IDENTIFICATION IN WIRELESS DATA NETWORKS**
[54] **PROCEDE ET APPAREIL PERMETTANT L'IDENTIFICATION CELLULAIRE DANS UN RESEAU DE DONNEES SANS FIL**
[72] DOUGLAS, BRETTON LEE, US
[72] PERAHIA, ELDAD, US
[73] CISCO TECHNOLOGY, INC., US
[85] 2006-02-21
[86] 2004-07-08 (PCT/US2004/021913)
[87] (WO2005/036791)
[30] US (10/676,878) 2003-09-30

[11] **2,549,285**
[13] C
[51] **Int.Cl. H04L 12/70 (2013.01) H04M 3/42 (2006.01)**
[25] EN
[54] **METHOD, SYSTEM AND APPARATUS FOR VERIFYING VALIDITY OF LOCATION INFORMATION IN A PACKET-SWITCHED NETWORK**
[54] **METHODE, SYSTEME ET DISPOSITIF PERMETTANT DE VERIFIER LA VALIDITE DE L'INFORMATION DE POSITION DANS UN RESEAU A COMMUTATION PAR PAQUETS**
[72] CARON, GUY, CA
[72] GRENIER, JEROME, CA
[72] FORTIER, STEPHANE M.F., CA
[72] LANGLOIS, MARTIN, CA
[72] CRAGO, WILLIAM BARRY, CA
[73] BCE INC, CA
[86] (2549285)
[87] (2549285)
[22] 2006-05-26

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[13] C
[51] **Int.Cl. G01R 33/035 (2006.01) G01R 33/12 (2006.01)**
[25] EN
[54] **MAGNETIC SENSORS**
[54] **DETECTEURS MAGNETIQUES**
[72] HATTERSLEY, SIMON RICHARD, GB
[72] PANKHURST, QUENTIN ANDREW, GB
[72] BRAZDEIKIS, AUDRIUS, US
[73] UNIVERSITY COLLEGE LONDON, GB
[73] UNIVERSITY OF HOUSTON, US
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[86] 2006-04-28 (PCT/GB2006/001575)
[87] (WO2006/117530)
[30] GB (0508886.9) 2005-04-29

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[51] **Int.Cl. A61B 5/16 (2006.01) A61B 3/113 (2006.01) A61B 5/18 (2006.01) G01C 25/00 (2006.01) G02B 27/01 (2006.01)**
[25] EN
[54] **METHOD FOR PROCESSING DATA TO DETERMINE VISUAL PATTERNS IN A VISUAL SCENE**
[54] **PROCEDE DE TRAITEMENT DE DONNEES EN VUE DE LA DETERMINATION DE MOTIFS VISUELS DANS UNE SCENE VISUELLE**
[72] STEPHANE, ALEXANDRE-LUCAS, FR
[73] AIRBUS, FR
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[54] **METHODE PERMETTANT DE DETERMINER LA MARGE DE STABILITE DE LA TENSION POUR LE DELESTAGE D'UN SYSTEME D'ALIMENTATION ELECTRIQUE**
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[73] AREVA T&D UK LIMITED, GB
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[54] **PROCEDE DE REALISATION D'UNE STRUCTURE ACOUSTIQUEMENT RESISTIVE, STRUCTURE ACOUSTIQUEMENT RESISTIVE AINSI OBTENUE ET REVETEMENT UTILISANT UNE TELLE STRUCTURE**
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[54] **SYSTEME ET PROCEDE DE PROTECTION DU CATALYSEUR DE REDUCTION CATALYTIQUE SELECTIVE ET DE REGULATION D'EMISSIONS MULTIPLES**
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[54] **BRULEUR ET PROCEDE DE MISE EN OEUVRE D'UNE OXYCOMBUSTION**
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[72] LAURENT, JACKY, FR
[72] MULON, JACQUES, FR
[72] PAUBEL, XAVIER, FR
[72] RECOURT, PATRICK JEAN-MARIE, FR
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[54] **SERINGUE A EXTREMITE AVANT ENCASTREE ET ELEMENT DE PROTECTION POUR UTILISATION AVEC DES DISPOSITIFS DE FIXATION FRONTAUX**
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[54] **COMPOSITION PHARMACEUTIQUE DESTINEE A TRAITER ET/OU A PREVENIR DES MALADIES OSTEO-ARTICULAIRES**
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[54] **NOUVELLE HYDROXYPHENYLPYRUVATE DISOXYGENASE MUTEE, SEQUENCE D'ADN ET ISOLEMENT DE PLANTES QUI SONT TOLERANTES A DES HERBICIDES INHIBITEURS DE HPPD**
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[72] FISCHER, KERSTIN, DE
[72] LABER, BERND, DE
[72] SAILLAND, ALAIN, FR
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[54] **DIAMINO-PYRIDINE, PYRIMIDINE, AND PYRIDAZINE MODULATORS OF THE HISTAMINE H4 RECEPTOR**
[54] **MODULATEURS DE DIAMINO-PYRIDINE, PYRIMIDINE ET PYRIDAZINE DU RECEPTEUR DE L'HISTAMINE H<SB>4</SB>**
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[72] CHAVEZ, FRANK, US
[72] DUNFORD, PAUL J., US
[72] GREENSPAN, ANDREW J., US
[72] MEDUNA, STEVEN P., US
[72] QUIROZ, JORGE A., US
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[72] THURMOND, ROBIN L., US
[72] WEI, JIANMEI, US
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[54] **SYSTEME ET PROCEDE DE COMMUTATION DE SIGNAL DUPLEX A REPARTITION DANS LE TEMPS SYNCHRONISE**
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[54] **BOITIERS DE DISSIPATION D'ENERGIE POUR UN FONCTIONNEMENT HAUTE PUISSANCE DE COMPOSANTS DE FIBRE OPTIQUE**
[72] CHATIGNY, STEPHANE, CA
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[54] **SYSTEME DE GUIDAGE DE RAIL**
[72] MARICA, ADRAIN, US
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[73] NATIONAL OILWELL VARCO L.P., US
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[54] **CONVERSION OF VEGETABLE OILS TO BASE OILS AND TRANSPORTATION FUELS**
[54] **CONVERSION D'HUILES VEGETALES EN HUILES DE BASE ET CARBURANTS DE TRANSPORT**
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[54] **ENSEMBLE POMPE A ENGRENAGES ET DOUBLE COMPARTIMENT POUR SYSTEME D'ADMINISTRATION SOUS HAUTE PRESSION**
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[54] **METHOD FOR MONITORING A BRAKE SYSTEM IN AN ELEVATOR SYSTEM AND CORRESPONDING BRAKE MONITOR FOR AN ELEVATOR SYSTEM**
[54] **PROCEDE DE SURVEILLANCE D'UN SYSTEME DE FREINAGE DANS UNE INSTALLATION D'ASCENSEUR ET DISPOSITIF DE CONTROLE DE FREINAGE CORRESPONDANT POUR UNE INSTALLATION D'ASCENSEUR**
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[54] **ENSEMBLE DE BOULON D'EXTRACTION PAR LE HAUT**
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[72] FORCATO, MASSIMILIANO, IT
[72] GIOVANETTI, ROBERTO, IT
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[54] **PROCEDES ET SYSTEMES POUR CONTROLER LES PRODUITS DE COMBUSTION**
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[72] RASMUSSEN, CHAD, US
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[54] **A HIGH ENERGY DISTILLATE FUEL COMPOSITION AND METHOD OF MAKING THE SAME**
[54] **COMPOSITION DE CARBURANT DE DISTILLAT A HAUTE ENERGIE ET SON PROCEDE DE FABRICATION**
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[72] LICHTENBERGER, JANINE, US
[72] CANNELLA, WILLIAM J., US
[72] MUNSON, CURTIS L., US
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[54] **MIXER AND METHOD FOR MIXING A GAS AND SOLUTION**
[54] **MELANGEUR ET PROCEDE DE MELANGE D'UN GAZ ET D'UNE SOLUTION**
[72] NYMAN, BROR, FI
[72] LILJA, LAUNO, FI
[72] HULTHOLM, STIG-ERIK, FI
[72] GRAU, RODRIGO, FI
[73] OUTOTEC OYJ, FI
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[54] **DISPOSITIF ELECTROMECANIQUE**
[72] VUOLLE-APIALA, TUOMAS, FI
[72] TIRKKONEN, JORMA, FI
[72] PAKARINEN, VILLE, FI
[72] TOIKKANEN, JARI, FI
[72] LIUKKONEN, OLLI, FI
[72] MUSTALAHTI, JORMA, FI
[72] MARTIKAINEN, ILKKA, FI
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[54] **COMPOSITIONS ET PROCEDES PERMETTANT DE TRAITER LES MALADIES INTESTINALES A L'AIDE DE MESALAMINE GRANULEE**
[72] FORBES, WILLIAM, US
[73] DR. FALK PHARMA GMBH, DE
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[54] **PROCEDES DE FABRICATION DE CONSTRUCTIONS MEDICALES BIOCOMPOSITES ET CONSTRUCTIONS ASSOCIEES COMPRENANT DES TISSUS, VAISSEAUX ET PIECES ARTIFICIELS**
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[72] KOOB, THOMAS J., US
[73] MIMEDX GROUP, INC., US
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[54] **COMPOSITION COMPRISING A COMBINATION OF AN ELDER EXTRACT AND A STRAIN OF L. PARACASEI, L. CASEI, L. BULGARICUS OR S. THERMOPHILUS**
[54] **COMPOSITION CONTENANT UN MELANGE CONSTITUE D'UN EXTRAIT DE SUREAU ET D'UNE SOUCHE DE L. PARACASEI, L. CASEI, L. BULGARICUS OU S. THERMOPHILUS**
[72] MANDEAU, ANNE, FR
[72] LIBON, CHRISTINE, FR
[72] ARIES, MARIE-FRANCOISE, FR
[72] GROMPONE, GIANFRANCO, FR
[72] NIBORSKI, VIOLETA, FR
[73] COMPAGNIE GERVAIS DANONE, FR
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[54] **FERRURE POUR L'EQUILIBRAGE DU STABILISATEUR HORIZONTAL D'UN AERONEF**
[72] AREVALO RODRIGUEZ, ELENA, ES
[73] AIRBUS OPERATIONS, S.L., ES
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[54] **PREFORME EN FORME TRIANGULAIRE DOTEE DE PATTES NON LINEAIRES ET METHODE DE FABRICATION DE LADITE PREFORME**
[72] GOERING, JONATHAN, US
[72] OUELLETTE, KENNETH, US
[73] ALBANY ENGINEERED COMPOSITES, INC., US
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[54] **DISPOSITIF DE NEUROSTIMULATION MICROFABRIQUE**
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[54] **SYSTEME DE PROSPECTION ELECTROMAGNETIQUE DU PLANCHER OCEANIQUE REMORQUE EN CONTINU**
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[72] HUGHES, ROBERT KILROY, JR., US
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[54] **FORMES POLYMORPHES DE SEL DE CHLORHYDRATE DE 3-(1-{3-[5-(1-METHYL-PIPERIDIN-4-YLMETHOXY)-PYRIMIDIN-2-YL]-BENZYL}-6-OXO-1,6-DIHYDRO-PYRIDAZIN-3-YL)-BENZONITRILE ET PROCEDES DE FABRICATION DESDITES FORMES**
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[72] KUEHN, CLEMENS, DE
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[72] SCHADT, OLIVER, DE
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[72] ABERG, BO-CHRISTER, SE
[72] JOHNSON, CARY P., US
[72] DAVENPORT, FRANCIS L., US
[72] RIVIERE, PIERRE, FR
[72] LAFOND, JOHN J., US
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[54] **APPAREIL ET PROCEDES POUR LA RECUPERATION DE PRODUITS HYDROCARBONES ET ADDITIONNELS DE SCHISTES ET DE SABLES BITUMEUX VIA UNE CONDENSATION MULTIETAGE**
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[54] **SYSTEME ET PROCEDE HYBRIDE QRD-SIC ET A MCS DESEQUILIBRE POUR MIMO**
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[72] FONG, MO-HAN, CA
[72] CAI, ZHIJUN, US
[72] YU, YI, US
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[72] TRAINER, DAVID, GB
[72] OATES, COLIN DONALD MURRAY, GB
[72] DAVIDSON, COLIN CHARNOCK, GB
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[73] NORMA U.S. HOLDING LLC, US
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[73] KOMATSU KVX LLC, NO
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[72] SMITH, DAVID RANDOLPH, US
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[54] **APPAREIL ET METHODE DE TRAITEMENT DE MALADIES OCCULAIRES**
[72] BERGHEIM, OLAV B., US
[72] GHARIB, MORTEZA, US
[73] GLAUKOS CORPORATION, US
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[54] **APPAREIL DE CARTE DE CIRCUITS INTEGRES UNIVERSELLE ET METHODES CONNEXES**
[72] LEPP, JAMES RANDOLPH WINTER, CA
[72] CORMIER, JEAN-PHILIPPE PAUL, CA
[72] DWYER, JOHANNA LISA, CA
[73] BLACKBERRY LIMITED, CA
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[72] ASARESE, DANIEL W., US
[72] SWEENEY, MAURA A., US
[72] BAYLEY, ROBERT D., US
[72] MANG, MARK E., US
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[54] **DISPOSITIF DE REVETEMENT ET PROCEDE DE REVETEMENT**
[72] UMEMOTO, KENJI, JP
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[72] ENDOU, TAROU, JP
[72] KAMADA, HITOSHI, JP
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[54] **DISPOSITIF DE CONNEXION ELECTRIQUE D'UN CABLE, EN PARTICULIER PIECE DE CONNEXION ENFICHABLE AVEC UN ELEMENT DE CONTACT AU BLINDAGE**
[72] BAEUERLE, GOTTFRIED, DE
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[54] **SYSTEME ET PROCEDE DE RETROACTION D'ETAT DE CANAL LORS D'UNE AGREGATION DE PORTEUSES**
[72] EARNSHAW, ANDREW MARK, CA
[72] FONG, MO-HAN, CA
[72] CAI, ZHIJUN, US
[72] XU, HUA, CA
[72] HEO, YOUN HYOUNG, CA
[73] BLACKBERRY LIMITED, CA
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[54] **METHOD AND APPARATUS FOR DISPENSING ITEMS**
[54] **PROCEDE ET APPAREIL DE DISTRIBUTION D'ARTICLES**
[72] HOREV, NOAM, IL
[72] WEINBERGER, ZVI, IL
[73] DATA DETECTION TECHNOLOGIES LTD., IL
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[54] **BI-DIRECTIONAL QUICK CHANGE TOOL-LESS LEVER AND WEDGE ACTUATED COLLET CHUCK, SYSTEM AND/OR METHOD FOR USING THE SAME**
[54] **MANDRIN DE SERRAGE A COMMANDE DE COIN ET LEVIER SANS OUTIL A CHANGEMENT RAPIDE BIDIRECTIONNEL, SYSTEME ET/OU PROCEDE POUR SON UTILISATION**
[72] ROHR, EDWARD JOHN, JR., US
[73] ROHR, EDWARD JOHN, JR., US
[85] 2012-11-26
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[54] **A METHOD AND APPARATUS FOR IDENTIFYING STRUCTURAL DEFORMATION**
[54] **METHODE ET APPAREIL POUR L'IDENTIFICATION DES DEFORMATIONS STRUCTURALES**
[72] KEARNS, JUSTIN D., US
[72] URCIA, MANNY SALAZAR, JR., US
[72] DAVIS, CHRISTOPHER LEE, US
[72] GORDON, CLARENCE L., III, US
[73] THE BOEING COMPANY, US
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[87] (2801306)
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[25] EN
[54] **METHOD FOR PRODUCING METHANE FROM BIOMASS**
[54] **PROCEDE DE PRODUCTION DE METHANE A PARTIR DE BIOMASSE**
[72] MARKER, TERRY L., US
[72] FELIX, LARRY G., US
[72] LINCK, MARTIN B., US
[72] MEYER, HOWARD S., US
[72] LEPPIN, DENNIS, US
[73] GAS TECHNOLOGY INSTITUTE, US
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[54] **METALLATION ENHANCEMENTS IN TUMOR-IMAGING AND PDT THERAPY**
[54] **AMELIORATIONS PAR METALLISATION DE L'IMAGERIE TUMORALE ET DE LA THERAPIE PDT**
[72] PANDEY, RAVINDRA K., US
[72] HEINZ, BAUMANN, US
[72] CHEN, YIHUI, US
[72] JOSHI, PENNY, US
[72] PATEL, NAYAN, US
[73] HEALTH RESEARCH, INC., US
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[25] EN
[54] **WELLBORE MECHANICAL INTEGRITY FOR IN SITU PYROLYSIS**
[54] **INTEGRITE MECANIQUE D'UN PUITS DE FORAGE POUR PYROLYSE IN SITU**
[72] KAMINSKY, ROBERT D., US
[72] SPIECKER, P. MATTHEW, US
[72] SEARLES, KEVIN H., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[54] **OLEFIN REDUCTION FOR IN SITU PYROLYSIS OIL GENERATION**
[54] **REDUCTION DES OLEFINES POUR PRODUIRE UNE HUILE DE PYROLYSE IN SITU**
[72] KAMINSKY, ROBERT D., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[25] EN
[54] **ORAL CARE PRODUCT AND METHODS OF USE AND MANUFACTURE THEREOF**
[54] **PRODUIT DE SOINS ORAUX ET SES PROCEDES D'UTILISATION ET DE FABRICATION**
[72] ROBINSON, RICHARD SCOTT, US
[72] SULLIVAN, RICHARD J., US
[72] KOHLI, RAJNISH, US
[73] COLGATE-PALMOLIVE COMPANY, US
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[54] **HELMET WITH INTEGRATED MEANS FOR SECURELY LOCKING IT**
[54] **CASQUE COMPRENANT UN MOYEN INTEGRE DESTINE A LE VERROUILLER FIXEMENT**
[72] VAN WAES, SEAN, BE
[73] LAZER SPORT NV, BE
[85] 2013-03-01
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[54] **MIXING VALVE ASSEMBLY INCLUDING A TEMPERATURE DISPLAY**
[54] **ENSEMBLE ROBINET MELANGEUR COMPORTANT UN AFFICHAGE DE TEMPERATURE**
[72] HUFFINGTON, TODD ANDREW, US
[72] PATTON, PAUL, US
[72] SAWASKI, JOEL DAVID, US
[72] HORSMAN, STEVEN VINCENT, US
[73] DELTA FAUCET COMPANY, US
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[87] (2816534)
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[54] **HEIGHT-ADJUSTABLE PEDESTAL**
[54] **SOCLE REGLABLE EN HAUTEUR**
[72] VOLKE, ANDREAS, DE
[72] VOLKE, GUNTHER, DE
[73] TEVER TECHNIK VERTRIEBS- UND BETEILIGUNGS-GMBH & CO. BERATUNGS KG, DE
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[54] **ELECTRIC CABLE MANAGEMENT FOR A MOBILE MACHINE**
[54] **GESTION DE CABLE ELECTRIQUE POUR UNE MACHINE MOBILE**
[72] EVERETT, BRYAN JAMES, US
[72] SIEMER, MICHAEL, AU
[72] KOEHRSEN, CRAIG LAWRENCE, US
[72] MOUGHLER, ERIC ALAN, US
[73] CATERPILLAR INC., US
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[51] **Int.Cl. B62B 3/02 (2006.01) B62B 3/04 (2006.01)**
[25] EN
[54] **SELF-ELEVATING AND SELF-LOWERING ASSEMBLY CART FOR TRANSPORTING A HOUSEHOLD APPLIANCE ASSEMBLY COMPONENT**
[54] **CHARIOT D'ASSEMBLAGE AUTO-ELEVATEUR ET AUTO-ABAISSEUR POUR TRANSPORTER UN COMPOSANT D'ENSEMBLE APPAREIL ELECTROMENAGER**
[72] WILLEY, BRADFORD, US
[73] BSH HOME APPLIANCES CORPORATION, US
[86] (2819677)
[87] (2819677)
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[11] **2,821,559**
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[51] **Int.Cl. C12N 15/10 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **OLIGONUCLEOTIDE REPLACEMENT FOR DI-TAGGED AND DIRECTIONAL LIBRARIES**
[54] **REMPLACEMENT D'OLIGONUCLEOTIDES POUR BIBLIOTHEQUES MARQUEES AUX DEUX EXTREMITES ET DIRECTIONNELLES**
[72] GORYSHIN, IGOR, US
[72] BAAS, BRADLEY, US
[72] VAIDYANATHAN, RAMESH, US
[72] MAFFITT, MARK, US
[73] ILLUMINA, INC., US
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[25] EN
[54] **PRIORITIZATION OF THIRD PARTY ACCESS TO AN ONLINE COMMERCE SITE**
[54] **HIERARCHISATION DE L'ACCES D'UN TIERS A UN SITE COMMERCIAL EN LIGNE**
[72] LEAHY, SCOTT, US
[72] COHEN, ALON, US
[73] PAYPAL, INC., US
[86] (2824037)
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[54] **MOUTHRINSE COMPOSITION**
[54] **COMPOSITION DE BAIN DE BOUCHE**
[72] MOYA ARGILAGOS, DALLY, CH
[72] SCHEFFEL, CORNELIA, CH
[72] MATUR, TURAN, CH
[72] BRUNELLA, ANDRE, CH
[73] GABA INTERNATIONAL HOLDING AG, CH
[85] 2013-07-30
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[51] **Int.Cl. F16K 1/18 (2006.01) F16K 3/04 (2006.01)**
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[54] **FLAPPER VALVE**
[54] **CLAPET A BATTANT**
[72] MACRAE, JONATHAN, US
[72] FINCI, BULENT, US
[72] PEDRAZA, JAIME, US
[72] SCHIEL, MARK, US
[72] PORTER, ROBERT CRISPIN, GB
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2013-08-13
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[13] C
[51] **Int.Cl. H04N 7/08 (2006.01) H04N 7/173 (2011.01)**
[25] EN
[54] **METHOD FOR TRANSMITTING A BROADCAST SERVICE, METHOD FOR RECEIVING A BROADCAST SERVICE, AND APPARATUS FOR RECEIVING A BROADCAST SERVICE**
[54] **PROCEDE D'EMISSION D'UN SERVICE DE DIFFUSION, PROCEDE DE RECEPTION D'UN SERVICE DE DIFFUSION ET APPAREIL DE RECEPTION D'UN SERVICE DE DIFFUSION**
[72] LEE, JOONHUI, KR
[72] KIM, KWANSUK, KR
[72] THOMAS, GOMER, US
[72] SEO, DONGWAN, KR
[72] KIM, SANGHYUN, KR
[72] SUH, JONGYEUL, KR
[73] LG ELECTRONICS INC., KR
[85] 2013-08-13
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[25] EN
[54] **APPARATUS AND PROCESS FOR THE INCORPORATION OF A DRY TREATMENT PRODUCT INTO A LIQUID WASTE**
[54] **APPAREIL ET PROCEDE DE SOLIDIFICATION DE DECHETS LIQUIDES PAR INCORPORATION D'UN PRODUIT DE TRAITEMENT SEC**
[72] WOODS, ROGER H., CA
[72] PULLMAN, DOUG, CA
[73] SURFACE TO SURFACE WASTE MANAGEMENT HOLDINGS INC., CA
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[87] (2828325)
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[25] EN
[54] **FUEL NOZZLE**
[54] **BUSE DE CARBURANT**
[72] KUNTER, STEFAN, DE
[72] MEYER, ULRICH, DE
[73] ELAFLEX HIBY TANKTECHNIK GMBH & CO. KG, DE
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[54] **PARTICULE D'ESPACEMENT AMELIOREE A CHARGE POLYMERISEE**
[72] BAYLEY, ROBERT D., US
[72] SWEENEY, MAURA A., US
[72] KMIECIK-LAWRYNOWICZ, GRAZYNA E., US
[73] XEROX CORPORATION, US
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[87] (2831804)
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[25] EN
[54] **CONFIGURING THE FUNCTIONALITY OF CONTROL ELEMENTS OF A CONTROL DEVICE BASED ON ORIENTATION**
[54] **CONFIGURATION DE LA FONCTIONNALITE DES ELEMENTS DE COMMANDE D'UN DISPOSITIF DE COMMANDE EN FONCTION DE L'ORIENTATION**
[72] REAMS, WILLIAM R., US
[73] ECHOSTAR TECHNOLOGIES L.L.C., US
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[25] EN
[54] **PEPTIDE FRAGMENTS FOR INDUCING SYNTHESIS OF EXTRACELLULAR MATRIX PROTEINS**
[54] **FRAGMENTS PEPTIDIQUES DESTINES A INDUIRE LA SYNTHESE DE PROTEINES MATRICIELLES EXTRACELLULAIRES**
[72] HARRIS, SCOTT M., US
[72] FALLA, TIMOTHY J., US
[72] ZHANG, LIJUAN, US
[73] HELIX BIOMEDIX INC., US
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[51] **Int.Cl. G10L 15/08 (2006.01) G10L 15/18 (2013.01) G10L 15/20 (2006.01)**
[25] EN
[54] **NOISE-ROBUST SPEECH CODING MODE CLASSIFICATION**
[54] **CLASSIFICATION D'UN MODE DE CODAGE VOCAL ROBUSTE AU BRUIT**
[72] DUNI, ETHAN ROBERT, US
[72] RAJENDRAN, VIVEK, US
[73] QUALCOMM INCORPORATED, US
[85] 2013-11-12
[86] 2012-04-12 (PCT/US2012/033372)
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[30] US (61/489,629) 2011-05-24
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[51] **Int.Cl. G01L 5/00 (2006.01)**
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[54] **APPARATUS AND METHOD FOR MEASURING FIXING FORCE**
[54] **APPAREIL ET PROCEDE POUR MESURER UNE FORCE DE FIXATION**
[72] TSUTSUI, YOSHITAKA, JP
[72] NAKASU, NOBUAKI, JP
[72] SUZUKI, KEIJI, JP
[72] ONODA, MITSURU, JP
[72] TSUCHIYA, HARUMASA, JP
[72] KAGEYAMA, YASUAKI, JP
[72] IWASHIGE, KENGO, JP
[73] MITSUBISHI HITACHI POWER SYSTEMS, LTD., JP
[86] (2836526)
[87] (2836526)
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[51] **Int.Cl. H04L 12/803 (2013.01) H04L 12/851 (2013.01) H04L 29/14 (2006.01)**
[25] EN
[54] **IMPROVED DYNAMIC LOAD BALANCING UNDER PARTIAL SERVICE CONDITIONS**
[54] **EQUILIBRAGE DYNAMIQUE DE CHARGES AMELIORE DANS DES CONDITIONS DE SERVICE PARTIELLES**
[72] THIBEAULT, BRIAN K., US
[72] CARLE, ANDREW S., US
[72] MAK, SARAH S., US
[73] ARRIS TECHNOLOGY, INC., US
[86] (2836755)
[87] (2836755)
[22] 2013-12-17
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[13] C
[51] **Int.Cl. H04N 7/08 (2006.01) H04N 7/173 (2011.01)**
[25] EN
[54] **METHOD FOR TRANSMITTING AND RECEIVING BROADCAST SERVICE AND RECEIVING DEVICE THEREOF**
[54] **PROCEDE PERMETTANT DE TRANSMETTRE ET DE RECEVOIR UN SERVICE DE RADIODIFFUSION ET DISPOSITIF RECEPTEUR ASSOCIE**
[72] KIM, KYUNGHO, KR
[72] THOMAS, GOMER, US
[72] MOON, KYOUNGSOO, KR
[72] SUH, JONGYEUL, KR
[72] LEE, JOONHUI, KR
[73] LG ELECTRONICS INC., KR
[85] 2013-11-28
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[87] (WO2012/169779)
[30] US (61/494,383) 2011-06-07

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[13] C
[51] **Int.Cl. B65D 71/16 (2006.01) B65D 71/20 (2006.01)**
[25] EN
[54] **PACKAGE FOR CONTAINERS**
[54] **EMBALLAGE POUR RECIPIENTS**
[72] SPIVEY, RAYMOND R., SR., US
[72] GOMES, JEAN-MANUEL, US
[72] FORD, COLIN P., US
[73] GRAPHIC PACKAGING INTERNATIONAL, INC., US
[85] 2014-01-08
[86] 2012-08-02 (PCT/US2012/049272)
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[51] **Int.Cl. H04M 1/60 (2006.01)**
[25] EN
[54] **TRANSFERRING A VOICE CALL**
[54] **TRANSFERT D'UN APPEL VOCAL**
[72] LAZARIDIS, MIHAL, CA
[72] STAIKOS, GEORGE ROSS, CA
[72] PECEN, MARK E., CA
[73] BLACKBERRY LIMITED, CA
[85] 2014-01-09
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[87] (WO2013/009319)

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[51] **Int.Cl. B65B 11/06 (2006.01)**
[25] EN
[54] **APPARATUS FOR PACKAGING AN OBJECT WITH A TUBULAR FILM**
[54] **APPAREIL D'EMBALLAGE D'UN OBJET DANS UNE PELLICULE TUBULAIRE**
[72] GEERTS, KEES, NL
[72] DE LAAT, MARTIJN H. C., NL
[72] BEEKMANS, LAMBERTUS JOHANNES, NL
[73] ERIN INTELLECTUAL PROPERTY LIMITED, IT
[86] (2843277)
[87] (2843277)
[22] 2014-02-18
[30] EP (13155818.1) 2013-02-19

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[13] C
[51] **Int.Cl. E04B 1/04 (2006.01) E04B 1/68 (2006.01) E04H 12/12 (2006.01)**
[25] EN
[54] **A METHOD OF ASSEMBLING A WALL FROM PREFABRICATED WALL PARTS AND A WALL ASSEMBLY**
[54] **PROCEDE D'ASSEMBLAGE D'UNE PAROI A PARTIR DE PARTIES DE PAROI PREFABRIQUEES ET ENSEMBLE DE PAROI**
[72] BRUGHUIS, FRANCISCUS JOHANNES, NL
[73] MECAL B.V., NL
[85] 2014-02-04
[86] 2012-08-06 (PCT/NL2012/050549)
[87] (WO2013/022341)
[30] NL (2007231) 2011-08-05

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[13] C
[51] **Int.Cl. H04W 48/10 (2009.01) H04W 12/06 (2009.01) H04W 88/02 (2009.01)**
[25] EN
[54] **EXTENDED ACCESS BARRING**
[54] **INTERDICTION D'ACCES ETENDUE**
[72] FONG, MO-HAN, US
[72] JAIN, PUNEET, US
[72] CHOI, HYUNG-NAM, DE
[73] INTEL CORPORATION, US
[85] 2014-02-06
[86] 2011-12-22 (PCT/US2011/066918)
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[30] US (61/522,622) 2011-08-11

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[13] C
[51] **Int.Cl. G01K 1/14 (2006.01) G01K 1/08 (2006.01) G01K 7/02 (2006.01)**
[25] EN
[54] **TEMPERATURE SENSING ASSEMBLY FOR MEASURING TEMPERATURE OF A SURFACE OF A STRUCTURE**
[54] **ENSEMBLE DE DETECTION DE TEMPERATURE POUR MESURE DE TEMPERATURE D'UNE SURFACE D'UNE STRUCTURE**
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[72] WELCH, LARRY, US
[72] CHAN, YEAN C., US
[73] DAILY INSTRUMENTS D/B/A DAILY THERMETRICS CORP., US
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[54] **GESTION DE TAMPON D'IMAGES DECODEES**
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[72] CHEN, YING, US
[73] QUALCOMM INCORPORATED, US
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[54] **SERINGUE AVEC TIGE DE PISTON A BRAS ARTICULE**
[72] MANKE, DARRIN SCOTT, US
[72] LABAK, CHRISTOPHER, US
[72] ST. CYR, JOSEPH OMER, US
[73] BECTON DICKINSON FRANCE S.A.S., FR
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[54] **SOUCHE AH1714 DE BIFIDOBACTERIUM LONGUM**
[72] VAN SINDEREN, DOUWE, IE
[72] XU, JUN, US
[72] ZHAO, WENZHU STEVEN, US
[72] GRANT, RAYMOND A., US
[72] SONG, YULI, US
[72] BASCOM, CHARLES, US
[72] CHARBONNEAU, DUANE LARRY, US
[72] O'MAHONEY, LIAM, IE
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[54] **METHOD AND COMPOSITION FOR ENZYMATIC TREATMENT OF FIBER FOR PAPERMAKING, AND PAPER PRODUCTS MADE THEREWITH**
[54] **PROCEDE ET COMPOSITION POUR UN TRAITEMENT ENZYMATIQUE DE FIBRE POUR FABRICATION DE PAPIER ET LES PRODUITS DE PAPIER QUI EN DECOULENT**
[72] BRYANT, STEPHEN D., US
[72] MACDONALD, KEVIN J., US
[72] JANSE, BERNARD, US
[72] ZHOU, XIANGDONG, US
[72] HOEKSTRA, PHILIP, US
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[54] **AN AUTOMATED METHOD AND DEVICE FOR SHAPING AN ORTHODONTIC ARCHWIRE**
[54] **UNE METHODE AUTOMATISEE ET DISPOSITIF SERVANT A FORMER UN FIL COURBE ORTHODONTIQUE**
[72] RUBBERT, RUEDGER, DE
[72] WEISE, THOMAS, DE
[73] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **PRODUITS DE RUBANS DE CABLE A DENIER ELEVE PAR FILAMENT ET A FIN DENIER TOTAL**
[72] BUNDREN, CHRISTOPHER M., US
[72] SANDERSON, WILLIAM S., US
[72] BUSBY, PAUL, US
[72] CLARK, EDWARD J., US
[73] CELANESE ACETATE LLC, US
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[54] **CONVEYOR APPARATUS FOR LOADING OR UNLOADING PACKAGES FROM SHIPPING CONTAINERS**
[54] **APPAREIL TRANSPORTEUR POUR CHARGER ET DECHARGER DES PAQUETS A PARTIR DE CONTENEURS D'EXPEDITION**
[72] CAMPBELL, COLIN A., CA
[72] REGER, BRAD R.H., CA
[73] ENGINEERED LIFTING SYSTEMS & EQUIPMENT INC., CA
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[54] **MULTIPLE BURN ZONES WITH INDEPENDENT CIRCULATION LOOPS**
[54] **ZONES DE CALCINATION MULTIPLES AVEC DES BOUCLES DE CIRCULATION INDEPENDANTES**
[72] DZIABIS, GARY A., US
[72] RESSL, CHARLES T., US
[72] KOZUP, STEVEN C., US
[73] UOP LLC, US
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[54] **PACKAGING SYSTEM FOR TOILET COMPONENTS**
[54] **SYSTEME D'EMBALLAGE POUR COMPOSANTES DE TOILETTE**
[72] CURTIS, PAUL, GB
[72] RINGHOLZ, DAVID, US
[73] DELTA FAUCET COMPANY, US
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[54] **DENSITY PHASE SEPARATION DEVICE**
[54] **DISPOSITIF DE SEPARATION DE PHASES PAR DENSITE**
[72] CRAWFORD, JAMIESON W., US
[72] ATTRI, RAVI, US
[72] BATTLES, CHRISTOPHER A., US
[72] HIRES, GREGORY R., US
[72] BARTFELD, BENJAMIN R., US
[73] BECTON, DICKINSON AND COMPANY, US
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[54] **DEVICE AND METHOD FOR PROCESSING ANODE PLATE FOR ELECTROLYSIS**
[54] **DISPOSITIF ET PROCEDE POUR TRAITER UNE PLAQUE D'ANODE POUR ELECTROLYSE**
[72] DENG, AIMIN, CN
[72] YU, ZHIYAN, CN
[72] SHAO, XIAOGUANG, CN
[73] JIANGXI NERIN EQUIPMENT CO., LTD., CN
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[54] **SEPARATEUR DE MATERIAU A BARRES DE CRIBLE A RESSORT REGLABLE**
[72] HOLMBERG, TIM, US
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[54] **RELATIVE POSITIONING OF BALLOONS WITH ALTITUDE CONTROL AND WIND DATA**
[54] **POSITIONNEMENT RELATIF DE BALLONS A L'AIDE DE COMMANDE D'ALTITUDE ET DE DONNEES DE VENT**
[72] DEVAUL, RICHARD WAYNE, US
[72] TELLER, ERIC, US
[72] BIFFLE, CLIFFORD L., US
[72] WEAVER, JOSH, US
[72] PIPONI, DAN, US
[73] X DEVELOPMENT LLC, US
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[54] **ENSEMBLE SUPPORT DE TARIERE DE MACHINE DE DESOSSAGE**
[72] SMITH, MARSHALL D., US
[73] WEILER AND COMPANY, INC., US
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[54] **REINFORCED RECEIVER FOR CASSETTE FILTER LOCKING CLIP**
[54] **RECEPTEUR RENFORCE POUR UN ELEMENT DE VERROUILLAGE DE FILTRE A CASSETTE**
[72] SHERMAN, MICHAEL J., US
[72] HUDA, STEPHEN P., US
[72] HAEHN, STEVEN J., US
[73] KX TECHNOLOGIES, LLC, US
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[54] **PROCEDE DE TRAITEMENT DE L'EAU POUR LE RECYCLAGE D'EAU PRODUITE ISSUE DE LA RECUPERATION D'HUILE LOURDE POUR SERVIR D'EAU D'ALIMENTATION DE CHAUDIERE**
[72] PETERSON, DANIEL J., US
[72] KANENAGA, DEAN K., US
[72] MA, MING, CN
[72] LIU, FENG, CN
[72] LI, DONG, CN
[73] JIANGSU SUNPOWER TECHNOLOGY CO., LTD., CN
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[54] **METHOD OF MANUFACTURING END-GROUP COMPONENTS WITH PURE NIOBIUM MATERIAL FOR SUPERCONDUCTING ACCELERATOR CAVITY**
[54] **PROCEDE DE FABRICATION DE COMPOSANT DE GROUPE D'EXTREMITE EN NIOBIUM PUR D'UNE CAVITE D'ACCELERATION SUPRACONDUCTRICE**
[72] NOHARA, KIYOHIKO, JP
[72] SHINOHARA, MASAYUKI, JP
[72] KAWABATA, NOBUYUKI, JP
[72] NAKAMURA, HIDEYOSHI, JP
[72] HAYANO, HITOSHI, JP
[72] YAMAMOTO, AKIRA, JP
[72] SAEKI, TAKAYUKI, JP
[72] KATO, SHIGEKI, JP
[72] YAMANAKA, MASASHI, JP
[73] SHINOHARA PRESS SERVICE CO., LTD., JP
[73] NOHARA, KIYOHIKO, JP
[73] INTER-UNIVERSITY RESEARCH INSTITUTE CORPORATION HIGH ENERGY ACCELERATOR RESEARCH ORGANIZATION, JP
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[54] **APPARATUS AND METHOD FOR REPAIRING PIPES**
[54] **APPAREIL ET PROCEDE DE REPARATION DE TUYAUX**
[72] D'HULSTER, GERALD, US
[73] PERMA-LINER INDUSTRIES, LLC, US
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[72] VANBESIEN, DARYL W., CA
[72] CHRETIEN, MICHELLE N., CA
[72] KEOSHKERIAN, BARKEV, CA
[72] BELELIE, JENNIFER L., CA
[72] ELIYAHU, JENNY, CA
[72] CHOPRA, NAVEEN, CA
[72] FARRUGIA, VALERIE M., CA
[73] XEROX CORPORATION, US
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[54] **DISPOSITIF DE PULVERISATION DE TYPE SERINGUE DOSEUSE**
[72] KAKUTA, YOSHIYUKI, JP
[72] TOMA, TORU, JP
[72] HOSHINO, SHINYA, JP
[73] YOSHINO KOGYOSHO CO., LTD., JP
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[54] **GREFFON HYBRIDE POUR TRAITEMENT D'UNE PATHOLOGIE AORTIQUE ET PROCEDE ASSOCIE**
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[72] MADZHAROV, SVETOZAR, BG
[73] JEKO METODIEV MADJAROV, US
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[54] **TRANSMETTEUR DE PRESSION AVEC GETTER D'HYDROGENE**
[72] HEDTKE, ROBERT C., US
[73] ROSEMOUNT INC., US
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[54] **RELAY DEVICE SELECTION DEVICE, TRANSMISSION SYSTEM, AND PROGRAM FOR RELAY DEVICE SELECTION DEVICE**
[54] **DISPOSITIF DE SELECTION D'UN DISPOSITIF RELAIS, SYSTEME DE TRANSMISSION, ET PROGRAMME DESTINE AU DISPOSITIF DE SELECTION D'UN DISPOSITIF RELAIS**
[72] UMEHARA, NAOKI, JP
[73] RICOH COMPANY, LIMITED, JP
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[54] **PROCEDE ET APPAREIL DE MESURE DU DEBIT MASSIQUE D'UN GAZ**
[72] DOWNIE, NEIL ALEXANDER, GB
[73] AIR PRODUCTS AND CHEMICALS, INC., US
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[54] **DERIVES DE THIENOPYRIDONE UTILES EN TANT QU'ACTIVATEURS DE LA PROTEINE KINASE ACTIVEE PAR L'AMP**
[72] CRAVO, DANIEL, FR
[72] HALLAKOU-BOZEC, SOPHIE, FR
[72] BOLZE, SEBASTIEN, FR
[72] LEPIFRE, FRANCK, FR
[72] FAVERIEL, LAURENT, FR
[72] DURAND, JEAN-DENIS, FR
[72] CHARON, CHRISTINE, FR
[73] POXEL, FR
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[54] **TRANSMISSION SYSTEM, EXTERNAL INPUT DEVICE, AND PROGRAM FOR CONVERTING DISPLAY RESOLUTION**
[54] **SYSTEME DE TRANSMISSION, DISPOSITIF D'ENTREE EXTERNE ET PROGRAMME POUR CONVERTIR UNE RESOLUTION D'AFFICHAGE**
[72] KATO, YOSHINAGA, JP
[73] RICOH COMPANY, LIMITED, JP
[85] 2014-12-16
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[54] **VACCINATION DE TUMEUR**
[72] ANDOCS, GABOR, HU
[72] SZASZ, ANDRAS, HU
[72] SZASZ, OLIVER, HU
[72] ILURI, NORA, US
[73] XAX KFT., HU
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[54] **SUPPORT D'IMPRESSION A JET D'ENCRE**
[72] WATANABE, MISAKI, JP
[72] CHATANI, AKINOBU, JP
[72] TSUDA, SATOSHI, JP
[72] YOSHIDA, TADASHI, JP
[72] OTSUHATA, TAKANORI, JP
[72] KUTSUWA, KOJI, JP
[73] NIPPON PAPER INDUSTRIES CO., LTD., JP
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[30] JP (2012-169580) 2012-07-31
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[54] **CO2 RECOVERY DEVICE AND CO2 RECOVERY METHOD**
[54] **DISPOSITIF DE RECUPERATION DE CO2 ET PROCEDE DE RECUPERATION DE CO2**
[72] OISHI, TSUYOSHI, JP
[72] NAGAYASU, HIROMITSU, JP
[72] TANAKA, HIROSHI, JP
[72] HIRATA, TAKUYA, JP
[72] KAMIJO, TAKASHI, JP
[72] SHIMADA, DAISUKE, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
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[54] **PROCEDE ET APPAREIL POUR L'EXTRACTION DE COMPOSES SOUFRES D'UN COURANT D'HYDROCARBURES**
[72] TERTEL, JONATHAN ANDREW, US
[72] SATTAR, AZIZ, US
[72] BOWEN, TRAVIS C., US
[72] XOMERITAKIS, GEORGE K., US
[73] UOP LLC, US
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[54] **DISPOSITIF D'APPLICATION DE JOINT ET PROCEDE D'APPLICATION DE JOINT**
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[72] FUNATO, TOSHIYUKI, JP
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[72] SUZUKI, AKIHITO, JP
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[54] **NON-CONSIDERATION D'ENTREE TACTILE SUR LA BASE D'UNE ENTREE CONSECUTIVE RECUE A PARTIR D'UN CLAVIER**
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[73] GOOGLE INC., US
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[54] **DRILL ROD TALLYING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE COMPTAGE DE TIGES DE FORAGE**
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[73] VERMEER CORPORATION, US
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[54] **MECANISME DE PENE DEMI-TOUR A CRAN D'ARRET**
[72] KONDI, SUSHANTH A., IN
[72] ALI, MOHAMMED M., IN
[73] SCHLAGE LOCK COMPANY LLC, US
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[54] **APPAREIL POUR INDEXER ET AGITER DES RECIPIENTS DE FLUIDE**
[72] BUSE, DAVID AARON, US
[72] KNIGHT, BYRON J., US
[73] GEN-PROBE INCORPORATED, US
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[54] **SYSTEME DE REFROIDISSEMENT DE PALIER POUR DISPOSITIFS VIBRANTS**
[72] EVARTS, KINGSLEY S., US
[73] AMERICAN PILEDRIVING EQUIPMENT, INC., US
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[54] **APPAREIL DE NETTOYAGE DE SURFACE PORTABLE**
[72] CONRAD, WAYNE ERNEST, CA
[72] THORNE, JASON BOYD, US
[72] LIU, SAM, CN
[72] KWOK, AMY, US
[72] XU, KAI, CN
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[54] **ENSEMBLE DE SOUPAPE POUR ROBINET A DEUX MANETTES**
[72] THOMAS, KURT J., US
[72] MARTY, GARRY R., US
[73] DELTA FAUCET COMPANY, US
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[73] DEPARTURE LOUNGE CASKETS LIMITED, NZ
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[73] TUNGALOY CORPORATION, JP
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[54] **DISPOSITIF DE PREVENTION DE PRODUCTION DE VAPEUR DANS UN REFROIDISSEUR DE GAZ DE CARNEAU DESTINE A UNE CHAUDIERE A COMBUSTION D'OXYCOMBUSTIBLE**
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[73] IHI CORPORATION, JP
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[54] **AGENCEMENT DE FIXATION D'ELEMENT D'EMBOITEMENT INCLINE**
[72] THERRIEN, GUY, CA
[73] FIRME COGITES INC., CA
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[54] **COMPOSITIONS DE DOSE ORALE UNITAIRE SOLIDE DE NAPROXENE SODIQUE ET DE NIZATIDINE**
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[73] SCHABAR RESEARCH ASSOCIATES LLC, US
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[54] **BARRE D'ARMATURE RENFORCEE PAR DES FIBRES DOTEE DE SECTIONS FORMEES**
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[54] **APP DE RECHERCHE; UNE APPLICATION (APP) MOBILE POUR LA RECHERCHE SCIENTIFIQUE ET LES CHERCHEURS**
[72] MINNAAR, PAULUS, CA
[71] MINNAAR, PAULUS, CA
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[54] **MECANISME DE BRAS PIVOTANT POUR CHAISE A TABLETTE**
[72] KEILHAUER, STEVE, CA
[71] KEILHAUER LTD., CA
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[54] **WEARABLE MOBILE DEVICE SYSTEM**
[54] **SYSTEME D'APPAREIL MOBILE PORTABLE**
[72] BARRIE, IFTHIKHAR I., CA
[72] BARRIE, WALEED, CA
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[54] **OLIGONUCLEOTIDES ANTI SENS A DOUBLE CIBLE COMME COMPOSITIONS THERAPEUTIQUES INHIBITRICES DE L'APOPTOSE ET METHODES D'UTILISATION ASSOCIEES POUR LE TRAITEMENT DU CANCER**
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[72] XUE, HUI, CA
[72] LUK, SZE UE, CA
[72] GOUT, PETER WILHELM, CA
[72] GLEAVE, MARTIN E., CA
[72] COLLINS, COLIN C., CA
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[72] LEBEL, ALEXANDRE, CA
[71] JALBERT AUTOMATISATION INC., CA
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[54] **AUTOMATIC DUAL FLUSH TOILET APPARATUS AND METHODS**
[54] **MECANISME DE CHASSE D'EAU DOUBLE AUTOMATIQUE ET METHODES**
[72] HUYNH, NAM N., CA
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[54] **TRAITEMENT D'IMAGES RADAR A OUVERTURE SYNTHETIQUE DESTINE A LA DETECTION D'UN NAVIRE**
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[72] SIKANETA, ISHUWA C., CA
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[54] **SHRINK FILMS**
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[72] WANG, XIAOCHUAN, CA
[72] CHECKNITA, DOUGLAS WALTER, CA
[72] BAYLEY, JOHN LEONARD, CA
[71] NOVA CHEMICALS CORPORATION, CA
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[54] **A COMPUTER SYSTEM TO ENGAGE PATIENTS WITH A TREATING COMMUNITY**
[54] **UN SYSTEME INFORMATIQUE VISANT LA PARTICIPATION DES PATIENTS A UNE COMMUNAUTE TRAITANTE**
[72] CHARTRAND, SEBASTIEN, CA
[71] CHARTRAND, NICOLAS, CA
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[54] **SYSTEME ET METHODE D'ESSAI CLINIQUE**
[72] CHARTRAND, SEBASTIEN, CA
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[54] **DISTRIBUTEUR A TIROIR A ECOULEMENT PAR GRAVITE**
[72] COX, STEPHEN KENNETH, CA
[72] CHANA, SWARNJIT, CA
[71] SEVEN CONTINENTS CORPORATION, CA
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[54] **MODIFIED FOAM LAYER AND WATERBASE PILLOW**
[54] **COUCHE DE MOUSSE MODIFIEE ET OREILLER A BASE D'EAU**
[72] BARD, MAURICE, CA
[72] SOUZA, PHIL, CA
[71] IWI LTD., CA
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[54] **SMOOTH COTTAGE CHEESE AND COTTAGE CHEESE PRODUCT, PROCESS AND METHOD**
[54] **FROMAGE COTTAGE LISSE ET PRODUIT DE FROMAGE COTTAGE, PROCEDE ET METHODE**
[72] LUO, GANJUAN, CA
[71] GAY LEA FOODS CO-OPERATIVE LTD., CA
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[25] EN
[54] **METHOD, SOFTWARE, AND DEVICE FOR DISPLAYING A GRAPH VISUALIZING AUDIT RISK DATA**
[54] **METHODE, LOGICIEL ET DISPOSITIF D'AFFICHAGE D'UN GRAPHIQUE PRESENTANT DES DONNEES D'AUDIT RELATIVES AU RISQUE**
[72] WAINMAN, DWIGHT, CA
[72] HUGHES, SHELLEY, CA
[72] ROSE, CRAIG, CA
[72] HEFKEY, JASON, CA
[72] DE WAARD, JAAP, NL
[71] CASEWARE INTERNATIONAL INC., CA
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[54] **BOOK AND ARTICLE SUPPORT DEVICE FOR VEHICLE STEERING WHEEL**
[54] **DISPOSITIF DE SUPPORT DE LIVRE ET D'ARTICLE DESTINE A UN VOLANT DE VEHICULE**
[72] RITCO, RICHARD, CA
[72] RITCO, LOUISE, CA
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[54] **LUMIERE INDIQUANT LA PRESENCE D'UN OCCUPANT DANS UN VEHICULE**
[72] CAMBRIDGE, PETER J., CA
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[25] EN
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[54] **PROCESSEUR D'ECHANTILLON AUTOMATISE**
[72] WARKENTIN, TERRY, CA
[71] WARKENTIN, TERRY, CA
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[54] **METHOD AND SYSTEM OF FORWARDING CONTACT DATA**
[54] **METHODE ET SYSTEME DE TRANSFERT DE DONNEES DE CONTACT**
[72] MASSICOTTE, LOUIS, CA
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[54] **AUVENT RETRACTABLE**
[72] BAILEY, GREG, CA
[72] BROWN, TERRY JAMES, CA
[72] BARRON, ANDREW JOHN, CA
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[54] **CONTAINMENT SYSTEM**
[54] **SYSTEME DE CONFINEMENT**
[72] HINDBO, MONTE W., CA
[71] THINKTANK PRODUCTS INC., CA
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[54] **MODULE D'ACCESSOIRE DE BAIGNOIRE A FIXER AU MUR**
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[72] HSU, WEIMIEN, CN
[71] GLOBE UNION INDUSTRIAL CORP., TW
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[54] **PROCEDE ET APPAREIL DE DEASPHALTAGE PARTIEL DU BITUME**
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[72] PAINE, RANDY, CA
[72] GARNER, WILLIAM NICHOLAS, CA
[71] CANADIAN NATURAL RESOURCES LIMITED, CA
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[54] **ENCEINTE POUR ANIMAL INSTALLEE SUR UN VEHICULE COMPORTANT DES MECANISMES DE COMMANDE DE PORTE UNIQUES**
[72] DALZELL, CORY, CA
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[71] FUSHANG CO., LTD., TW
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[54] **APPARATUS AND METHOD FOR GROUND-FAULT CIRCUIT INTERRUPTER FOR USE IN GROUND-RETURN CIRCUIT**
[54] **APPAREIL ET METHODE DESTINES A UN DISJONCTEUR DE FUITE A LA TERRE POUR UN CIRCUIT DE RETOUR PAR LA TERRE**
[72] POLZER, BENJAMIN DAVID, CA
[71] VALE S.A., BR
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[54] **ODOR CONTROL APPARATUS AND METHOD**
[54] **DISPOSITIF DE CONTROLE DES ODEURS ET METHODE**
[72] NAILEN, PAUL S., CA
[71] NAILEN, PAUL S., CA
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[72] SHYU, TIEMSANSUK, CA
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[54] **METHODE DE CONDUITE SECURITAIRE D'UNE MOTONEIGE**
[72] HAAF, JONATHAN, DE
[72] PARKER, MICHAEL, DE
[71] ROBERT BOSCH GMBH, DE
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[54] **FRITTAGE DE PAROI LATERALE DE CHARIOT POUR PALLETTE**
[72] GONZALEZ, CRISTOBAL J., US
[72] HERNANDEZ, RAY, JR., US
[71] CAST STEEL PRODUCTS LP, BY ITS GENERAL PARTNER CAST STEEL PRODUCTS GP LTD., CA
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[54] **GREETING CARD WITH DIAL ACTIVATED AUDIO**
[54] **CARTE DE SOUHAITS OFFRANT UN EFFET SONORE ACTIVE PAR UN CADRAN**
[72] PARKINSON, MICHELLE, US
[72] SHLONSKY, LYNNE, US
[71] AMERICAN GREETINGS CORPORATION, US
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[54] **MECANISME DE VERROU DE PORTE PLIANTE**
[72] SCHWEISS, MICHAEL L., US
[71] SCHWEISS, MICHAEL L., US
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[54] **ELONGATED STEAMHEAD FOR A STEAM BATH**
[54] **COLLECTEUR DE VAPEUR D'UN BAIN DE VAPEUR**
[72] PINKUS, MICHAEL J., US
[72] TITOLO, PETER A., US
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[71] SOUTH PLASTIC INDUSTRY CO., LTD., TW
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[54] **UN PRODUIT SEQUESTRANT UN HYDROCARBURE**
[72] CIANCAGLINI, RICARDO HORACIO, AR
[71] R. CIANCAGLINI Y ASOCIADOS S.A., AR
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[54] **INKJET PRINTER, PRINTING METHOD USING THE SAME, AND AUTOMATIC WEB THREADING METHOD**
[54] **IMPRIMANTE A JET D'ENCRE, METHODE D'IMPRESSION ASSOCIEE ET METHODE D'ENFILAGE DE BANDE AUTOMATIQUE**
[72] IZAWA, HIDEO, JP
[72] OOYAMA, KOUICHI, JP
[72] FUJIWARA, TAKEHIRO, JP
[72] KAMATSUDA, SEIJI, JP
[72] SATO, KAZUSHIGE, JP
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[25] EN
[54] **COOKTOP STEAMER WITH SELF-FILLING CUP**
[54] **CUISEUR A VAPEUR POUR CUISINIERE DOTE D'UNE TASSE A REMPLISSAGE AUTONOME**
[72] FREEMAN, JOHN, US
[72] HANNA, CHARLIE, US
[72] NASH, JEREMIAH, US
[72] STALEY, DENNIS, US
[71] BSH HOME APPLIANCES CORPORATION, US
[71] BSH HAUSGERATE GMBH, DE
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[54] **FLEXIBLE DETERMINISTIC COMMUNICATIONS NETWORK**
[54] **RESEAU DE COMMUNICATION DETERMINISTE FLEXIBLE**
[72] RANGARAJAN, MURALI, US
[72] LING, YONG-LONG CALVIN, US
[71] THE BOEING COMPANY, US
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[54] **DISPOSITIF ET METHODE D'ATTENUATION DU SON**
[72] NESBITT, ERIC H., US
[72] LAN, JUSTIN H., US
[72] BHAT, THONSE R.S., US
[72] RUST, CHARLES W., US
[71] THE BOEING COMPANY, US
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[54] **WALL PLATE SYSTEM**
[54] **SYSTEME DE PLAQUE MURALE**
[72] JOHNSON, JOHN RICHARD, US
[72] OKOLI, CHUKWUNONSO NZUBECHUKWU, US
[72] HICKOK, JOHN T., US
[72] WESTRICK, RICHARD L., JR., US
[71] ABL IP HOLDING LLC, US
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[54] **WELDING SYSTEM WITH POTTED CIRCUIT BOARD AND METHOD OF MAKING THEREOF**
[54] **SYSTEME DE SOUDAGE DOTE D'UNE CARTE DE CIRCUIT EN POT ET METHODE DE FABRICATION ASSOCIEE**
[72] BORNEMANN, BRIAN J., US
[72] HENRY, ANDREW J., US
[71] ILLINOIS TOOL WORKS INC., US
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[54] **METHOD AND APPARATUS FOR PROVIDING WELDING TYPE POWER**
[54] **METHODE ET APPAREIL SERVANT A FOURNIR UNE ALIMENTATION DE TYPE SOUDAGE**
[72] HENRY, ANDREW J., US
[71] ILLINOIS TOOL WORKS INC., US
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[54] **EXTRACTOR WITH SEGMENTED POSITIVE PRESSURE AIRFLOW SYSTEM**
[54] **EXTRACTEUR DOTE D'UN MECANISME DE CIRCULATION D'AIR A PRESSION POSITIVE SEGMENTEE**
[72] FRANK, ADAM JOSEPH, US
[72] MASKE, WILLIAM PETER, US
[72] MOON, THOMAS ANTHONY, US
[71] ILLINOIS TOOL WORKS INC., US
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[54] **EXTRACTOR WITH END-MOUNTED POSITIVE PRESSURE SYSTEM**
[54] **EXTRACTEUR DOTE D'UN MECANISME DE CIRCULATION D'AIR A PRESSION POSITIVE INSTALLE A L'EXTREMITE**
[72] MOON, THOMAS ANTHONY, US
[72] FRANK, ADAM JOSEPH, US
[72] MASKE, WILLIAM PETER, US
[71] ILLINOIS TOOL WORKS INC., US
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[54] **FEED STREAM CONDITIONING TO PROMOTE SEPARATION OF HYDROCARBON FLUID FROM PARTICULATE MATTER IN A FROTH SETTLING UNIT**
[54] **CONDITIONNEMENT DE FLUX D'ALIMENTATION EN VUE DE PROMOUVOIR LA SEPARATION DE FLUIDE D'HYDROCARBURE DE LA MATIERE PARTICULAIRE DANS UN MODULE DE SEDIMENTATION DE MOUSSE**
[72] SURYO, RONALD, US
[72] SUTTON, CLAY R., US
[72] HEALY, TIMOTHY M., US
[72] SHEN, ERIC B., US
[72] ABEL, KEITH A., CA
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[54] **DETECTION DE DEFAILLANCE D'ARBRE AU MOYEN DE METHODES DE CONTROLE PASSIVES**
[72] ARGOTE, CHRISTOPHER, US
[72] HARVELL, JOHN K., US
[72] ROWE, ARTHUR L., GB
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
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[72] HOARD, AARON M., CA
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[54] **NOVEL FDMA/TDMA ARCHITECTURE USING CHANNELIZER AND MATRIX POWER AMPLIFIER**
[54] **ARCHITECTURE FDMA/TDMA NOVATRICE EMPLOYANT UN CANALISEUR ET UN AMPLIFICATEUR DE PUISSANCE DE MATRICE**
[72] HAHN, CARL J., III, US
[72] ROSENHECK, LEONARD, US
[71] THE BOEING COMPANY, US
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[54] **HORIZONTAL AXIS PROPELLER ENGINE ASSEMBLY FOR AN AIRCRAFT**
[54] **MECANISME DE MOTEUR A HELICE A AXE HORIZONTAL DESTINE A UN AERONEF**
[72] MARCHE, JACQUES HERVE, FR
[71] AIRBUS OPERATIONS (S.A.S.), FR
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[54] **MECANISME DE FIXATION PERMETTANT LE RETRAIT D'UNE COMPOSANTE APRES LA DEFAILLANCE DU MECANISME DE FIXATION**
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[71] CHANNELL COMMERCIAL CORPORATION, US
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[54] **INJECTION MOLDING PRESSURE RELIEF AND ASSIST**
[54] **DISPOSITIF DE LIBERATION DE PRESSION ET D'AIDE DESTINE AU MOULAGE PAR INJECTION**
[72] LUCKA, KEVIN, US
[71] FORD MOTOR COMPANY, US
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[54] **RELIEF VALVES AND METHODS FOR INSTALLING THE SAME**
[54] **SOUPAPE DE SURETE ET METHODES D'INSTALLATION ASSOCIEES**
[72] PEARS, STEPHEN MICHAEL, CA
[72] SHER, HING HUNG, CN
[71] SCEPTER US HOLDING COMPANY, US
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[54] **POWER CONNECTOR, AND ELECTRICAL CONNECTION ELEMENT AND OPERATING METHOD THEREFOR**
[54] **CONNECTEUR D'ALIMENTATION ET ELEMENT DE CONNEXION ELECTRIQUE ET METHODE D'UTILISATION ASSOCIEE**
[72] JUDS, MARK ALLAN, US
[72] ROLLMANN, PAUL JASON, US
[72] HASTINGS, JEROME KENNETH, US
[72] ECKROTH, KURT VON, US
[72] JOHNSON, JEFFREY TROY, US
[72] BRIGGS, ROGER JAMES, US
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[54] **POWER CONNECTOR, AND ELECTRICAL CONNECTION ELEMENT AND ASSEMBLY METHOD THEREFOR**
[54] **CONNECTEUR D'ALIMENTATION ET ELEMENT DE CONNEXION ELECTRIQUE ET METHODE D'ASSEMBLAGE ASSOCIEE**
[72] ROLLMANN, PAUL JASON, US
[72] JUDS, MARK ALLAN, US
[72] ECKROTH, KURT VON, US
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[25] EN
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[54] **MODELE DE CARTOUCHE A PETIT DIAMETRE DESTINEE A UN INSTRUMENT D'AGRAFAGE CHIRURGICAL**
[72] SHAH, SACHIN, US
[71] COVIDIEN LP, US
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[54] **AGRAFEUSE ET AGRAFE ENDOSCOPIQUES**
[72] MARCZYK, STANISLAW, US
[72] ARANYI, ERNIE, US
[72] KOSTRZEWSKI, STANISLAW, US
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[25] EN
[54] **POWER CONNECTOR, AND ELECTRICAL CONNECTION ELEMENT AND ARC SUPPRESSION METHOD THEREFOR**
[54] **CONNECTEUR D'ALIMENTATION ET ELEMENT DE CONNEXION ELECTRIQUE ET METHODE DE SUPPRESSION D'ARC ASSOCIEE**
[72] JUDS, MARK ALLAN, US
[72] HASTINGS, JEROME KENNETH, US
[72] KRSTIC, SLOBODAN, US
[72] ECKROTH, KURT VON, US
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[51] **Int.Cl. A61B 18/12 (2006.01) A61B 18/14 (2006.01)**
[25] EN
[54] **ESTIMATION OF LESION SIZE**
[54] **ESTIMATION DE LA TAILLE D'UNE LESION**
[72] BAR-TAL, MEIR, IL
[72] SILBERSCHEIN, EREZ, IL
[72] RUBISSA, ASSAF, IL
[72] CONSTANTINE, GARTH F., US
[72] NAKAGAWA, HIROSHI, US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[71] UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER, US
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[51] **Int.Cl. E06B 1/12 (2006.01) E04B 2/88 (2006.01) E06B 7/00 (2006.01)**
[25] EN
[54] **MANUFACTURES, METHODS AND STRUCTURES TO REDUCE ENERGY TRANSFER IN BUILDING CURTAIN WALLS**
[54] **FABRICATION, METHODES ET STRUCTURES DE REDUCTION DE TRANSFERT D'ENERGIE DANS LES MURS-RIDEAUX DE BATIMENT**
[72] DOLBY, JEFFREY SCOTT, US
[72] MCKENNA, GREGORY BLAKE, US
[72] NAPORA, NICHOLAS ALAN, US
[71] ALCOA INC., US
[22] 2016-06-29
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[13] A1
[51] **Int.Cl. G01S 7/48 (2006.01) B64D 45/04 (2006.01) G01S 17/93 (2006.01)**
[25] EN
[54] **METHOD FOR SEGMENTING THE DATA OF A 3D SENSOR PRODUCED IN THE PRESENCE OF AEROSOL CLOUDS FOR INCREASING THE SITUATIONAL AWARENESS AND THE LOCATION DETECTION OF OBSTACLES**
[54] **PROCEDE DE SEGMENTATION DES DONNEES D'UN CAPTEUR 3D PRODUITES EN PRESENCE DE NUAGES D'AEROSOL EN VUE D'ACCROITRE LA SENSIBILISATION A LA SITUATION ET LA DETECTION D'EMPLACEMENT D'OBSTACLES**
[72] WEGNER, MATTHIAS, DE
[72] MUENSTERER, THOMAS, DE
[71] AIRBUS DS ELECTRONICS AND BORDER SECURITY GMBH, DE
[22] 2016-06-28
[41] 2017-01-21
[30] EP (15 002 153.3) 2015-07-21

[21] **2,934,708**
[13] A1
[51] **Int.Cl. B01D 19/04 (2006.01) C08L 33/04 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **FORMULATIONS OF COPOLYMERS BASED ON ALKYL ACRYLATES USED AS DEFOAMERS OF HEAVY AND SUPER-HEAVY CRUDE OILS**
[54] **FORMULATIONS DE COPOLYMERES FONDEES SUR DES ACRYLATES ALKYLES EMPLOYEES COMME AGENTS DEMOUSSANTS DE PETROLES BRUTS LOURDS ET SUPER LOURDS**
[72] HERNANDEZ CARBAJAL, EDGAR IVAN, MX
[72] CEVADA MAYA, ENRIQUE, MX
[72] LOPEZ ORTEGA, ALFONSO, MX
[72] FLORES SANDOVAL, CESAR ANDRES, MX
[72] ALVAREZ RAMIREZ, FERNANDO, MX
[72] ESTRADA MARTINEZ, ARQUIMEDES, MX
[72] VAZQUEZ MORENO, FLAVIO SALVADOR, MX
[71] INSTITUTO MEXICANO DEL PETROLEO, MX
[22] 2016-06-29
[41] 2017-01-17
[30] MX (MX/A/2015/009234) 2015-07-17

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[13] A1
[51] **Int.Cl. F01D 9/02 (2006.01) F01D 25/24 (2006.01) F01D 25/28 (2006.01)**
[25] EN
[54] **A GAS TURBINE ENGINE**
[54] **UN MOTEUR DE TURBINE A GAZ**
[72] PARRY, ANTHONY, GB
[71] ROLLS-ROYCE PLC, GB
[22] 2016-06-30
[41] 2017-01-17
[30] GB (1512516.4) 2015-07-17

[21] **2,934,985**
[13] A1
[51] **Int.Cl. H02B 1/14 (2006.01) H02B 1/056 (2006.01)**
[25] EN
[54] **ONE AXIS SHUTTER WITH A PIN-BASED BUS SYSTEM FOR MINIATURE CIRCUIT BREAKER LOAD CENTRES**
[54] **VOLET A UN AXE DOTE D'UN SYSTEME DE BUS FONDE SUR UNE BROCHE DESTINE AUX CENTRES D'ALIMENTATION A DISJONCTEUR MINIATURE**
[72] MITTELSTADT, CHAD R., US
[71] SCHNEIDER ELECTRIC USA, INC., US
[22] 2016-06-30
[41] 2017-01-17
[30] US (14/802,483) 2015-07-17

[21] **2,935,036**
[13] A1
[51] **Int.Cl. C02F 3/30 (2006.01) C02F 3/10 (2006.01) C12N 11/14 (2006.01)**
[25] EN
[54] **PROCESS AND FACILITY FOR TREATING AMMONIUM-CONTAINING WASTEWATER**
[54] **PROCEDE ET INSTALLATION DE TRAITEMENT D'EAUX USEES CONTENANT DE L'AMMONIUM**
[72] WEINBERGER, KARL, DE
[71] DENNERT PORAVER GMBH, DE
[22] 2016-07-04
[41] 2017-01-16
[30] DE (10 2015 213 417.2) 2015-07-16

[21] **2,935,287**
[13] A1
[51] **Int.Cl. G03G 9/08 (2006.01) G03G 13/20 (2006.01)**
[25] EN
[54] **COLD PRESSURE FIX TONER COMPOSITIONS BASED ON SMALL MOLECULE CRYSTALLINE AND AMORPHOUS ORGANIC COMPOUND MIXTURES**
[54] **COMPOSITIONS D'ENCRE SECHE A FIXAGE PAR PRESSION FROIDE FONDEES SUR DES MELANGES D'UNE PETITE MOLECULE CRISTALLINE ET D'UN COMPOSE ORGANIQUE AMORPHE**
[72] VEREGIN, RICHARD PHILIP NELSON, CA
[72] HU, NAN-XING, CA
[72] SACRIPANTE, GUERINO G., CA
[72] MOFFAT, KAREN A., CA
[72] BELELIE, JENNIFER L., CA
[71] XEROX CORPORATION, US
[22] 2016-07-05
[41] 2017-01-17
[30] US (14/802949) 2015-07-17

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[51] **Int.Cl. G03G 9/08 (2006.01) G03G 13/20 (2006.01)**
[25] EN
[54] **COLD PRESSURE FIX TONER COMPOSITIONS BASED ON CRYSTALLINE POLYESTER AND AMORPHOUS ORGANIC COMPOUND MIXTURES**
[54] **COMPOSITIONS D'ENCRE SECHE A FIXATION PAR PRESSION FROIDE FONDEES SUR DES MELANGES DE POLYESTER CRISTALLIN ET D'UN COMPOSE ORGANIQUE AMORPHE**
[72] MORIMITSU, KENTARO, CA
[72] SCARIPANTE, GUERINO G., CA
[72] ZHOU, KE, CA
[72] HU, NAN-XING, CA
[72] VEREGIN, RICHARD PHILIP NELSON, CA
[71] XEROX CORPORATION, US
[22] 2016-07-05
[41] 2017-01-17
[30] US (14/802932) 2015-07-17

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[51] **Int.Cl. G07F 17/32 (2006.01)**
[25] EN
[54] **GAMING SYSTEM AND METHOD**
[54] **SYSTEME DE JEU ET METHODE**
[72] MCBURNIE, DOUGALL, AU
[71] THE BACCARUN CORPORATION PTY LTD, AU
[22] 2016-07-07
[41] 2017-01-17
[30] AU (2015902841) 2015-07-17

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[13] A1
[51] **Int.Cl. G05D 1/10 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF REFINING TRAJECTORIES FOR AIRCRAFT**
[54] **SYSTEME ET METHODE D'AUGMENTATION DE LA PRECISION DES TRAJECTOIRES D'UN AERONEF**
[72] BORGYOS, SZABOLCS ANDRAS, US
[71] GE AVIATION SYSTEMS LLC, US
[22] 2016-07-07
[41] 2017-01-16
[30] US (14/801,494) 2015-07-16

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[13] A1
[51] **Int.Cl. F03D 7/02 (2006.01) F03D 9/25 (2016.01) F03D 17/00 (2016.01)**
[25] EN
[54] **OPERATING WIND TURBINES**
[54] **FONCTIONNEMENT D'EOLIENNES**
[72] ROMA, SERGI, ES
[71] ALSTOM RENEWABLE TECHNOLOGIES, FR
[22] 2016-07-07
[41] 2017-01-20
[30] EP (15382372.9) 2015-07-20

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[51] **Int.Cl. H04W 4/02 (2009.01) G06Q 10/06 (2012.01)**
[25] EN
[54] **COMMUNICATION SYSTEM AND METHOD**
[54] **SYSTEME DE COMMUNICATION ET METHODE**
[72] HIGH, DONALD R., US
[72] MCHALE, BRIAN GERARD, GB
[72] ATCHLEY, MICHAEL DEAN, US
[71] WAL-MART STORES, INC., US
[22] 2016-07-07
[41] 2017-01-17
[30] US (62/193,850) 2015-07-17

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[13] A1
[51] **Int.Cl. B29C 70/44 (2006.01)**
[25] EN
[54] **A METHOD OF MOULDING A COMPOSITE ARTICLE AND MOULD**
[54] **UNE METHODE DE MOULAGE D'UN ARTICLE EN COMPOSITE ET MOULAGE**
[72] HAYDEN, PAUL TREVOR, GB
[72] BROOME, PETER ANTHONY, GB
[71] BLADE DYNAMICS LIMITED, GB
[22] 2016-07-07
[41] 2017-01-20
[30] GB (1512690.7) 2015-07-20

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[13] A1
[51] **Int.Cl. F02C 7/141 (2006.01) F01D 25/12 (2006.01)**
[25] EN
[54] **COOLING SYSTEM FOR A TURBINE ENGINE**
[54] **SYSTEME DE REFROIDISSEMENT DESTINE A UNE TURBINE A GAZ**
[72] MILLER, BRANDON WAYNE, US
[72] HAMEL, JEFFREY ANTHONY, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-07-07
[41] 2017-01-20
[30] US (14/803,862) 2015-07-20

[21] **2,935,371**
[13] A1
[51] **Int.Cl. F02C 7/12 (2006.01) F01D 25/12 (2006.01)**
[25] EN
[54] **COOLING SYSTEM FOR A TURBINE ENGINE**
[54] **SYSTEME DE REFROIDISSEMENT DESTINE A UNE TURBINE A GAZ**
[72] MILLER, BRANDON WAYNE, US
[72] HAMEL, JEFFREY ANTHONY, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-07-07
[41] 2017-01-20
[30] US (14/803,870) 2015-07-20

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[13] A1
[51] **Int.Cl. A61F 5/04 (2006.01)**
[25] EN
[54] **ORTHOPEDIC BRACE AND METHOD OF MAKING THE SAME**
[54] **SUPPORT ORTHOPEDIQUE ET PROCEDE DE FABRICATION ASSOCIE**
[72] WELLENDORF, TIMOTHY E., US
[72] NONDORF, MELVA, US
[72] NOVAK, MELISSA, US
[72] CHAMPLIN, TERESA, US
[71] SCOTT SPECIALTIES, INC., US
[22] 2016-07-08
[41] 2017-01-15
[30] US (14/800,348) 2015-07-15

[21] **2,935,556**
[13] A1
[51] **Int.Cl. B65D 33/00 (2006.01)**
[25] EN
[54] **LAMINATE STRUCTURE WITH ACCESS OPENINGS**
[54] **STRUCTURE STRATIFIEE DOTEE D'OUVERTURES D'ACCES.**
[72] HUFFER, SCOTT WILLIAM, US
[72] BRANYON, JACOB DONALD PRUE, US
[71] SONOCO DEVELOPMENT, INC., US
[22] 2016-07-08
[41] 2017-01-21
[30] US (14/804608) 2015-07-21

[21] **2,935,560**
[13] A1
[51] **Int.Cl. C12P 5/02 (2006.01) B09B 3/00 (2006.01) C02F 3/28 (2006.01) C02F 11/04 (2006.01)**
[25] EN
[54] **PRODUCTION OF BIOGAS FROM ORGANIC MATERIALS**
[54] **PRODUCTION DE BIOGAZ A PARTIR DE MATIERES ORGANIQUES**
[72] DE LIMA VASCONCELLOS, MARCELO, DE
[72] JOSSE, JUAN CARLOS, US
[71] ANAERGIA INC., CA
[22] 2016-07-08
[41] 2017-01-20
[30] US (62/194,471) 2015-07-20

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[13] A1
[51] **Int.Cl. B65D 43/02 (2006.01)**
[25] EN
[54] **TRAVEL BEVERAGE CONTAINER**
[54] **GOBELET DE VOYAGE**
[72] CHIOU, JOE, US
[72] MATTHIS, MARJAVIS J., US
[72] MILLER, BLAIR, US
[71] IGNITE USA, LLC, US
[22] 2016-07-11
[41] 2017-01-17
[30] US (14/802,097) 2015-07-17

[21] **2,935,820**
[13] A1
[51] **Int.Cl. F21V 33/00 (2006.01) F21K 9/00 (2016.01) F21S 10/02 (2006.01) F24D 19/00 (2006.01) G08B 7/00 (2006.01) G08B 19/00 (2006.01) H05B 1/02 (2006.01) F24D 15/00 (2006.01)**
[25] EN
[54] **HEATING APPLIANCE WITH LIGHT AND SOUND AND CORRESPONDING METHOD**
[54] **APPAREIL MENAGER CHAUFFANT EQUIPE DE LUMIERE ET DE SON ET METHODE CORRESPONDANTE**
[72] BOYD, MICHAEL P., US
[71] MARLEY ENGINEERED PRODUCTS LLC, US
[22] 2016-07-08
[41] 2017-01-17
[30] US (14/802.117) 2015-07-17

[21] **2,935,822**
[13] A1
[51] **Int.Cl. H02B 1/14 (2006.01) H01H 71/02 (2006.01) H02B 1/04 (2006.01)**
[25] EN
[54] **MINIATURE CIRCUIT BREAKER FOR A NO-TOUCH LOAD CENTER**
[54] **DISJONCTEUR MINIATURE DESTINE A UN CENTRE D'ALIMENTATION SANS TOUCHER**
[72] MITTELSTADT, CHAD R., US
[71] SCHNEIDER ELECTRIC USA, INC., US
[22] 2016-07-08
[41] 2017-01-17
[30] US (14/802.574) 2015-07-17

[21] **2,935,828**
[13] A1
[51] **Int.Cl. E21B 7/24 (2006.01) E21B 47/24 (2012.01) E21B 7/18 (2006.01) E21B 21/10 (2006.01)**
[25] EN
[54] **HYDRAULICALLY ACTUATED APPARATUS FOR GENERATING PRESSURE PULSES IN A DRILLING FLUID**
[54] **APPAREIL HYDRAULIQUE DESTINE A PRODUIRE DES IMPULSIONS DE PRESSION DANS UN FLUIDE DE FORAGE**
[72] GILLIS, SEAN, CA
[71] DRILFORMANCE TECHNOLOGIES, LLC, US
[22] 2016-07-12
[41] 2017-01-16
[30] US (62/193,490) 2015-07-16

[21] **2,935,842**
[13] A1
[51] **Int.Cl. H02B 1/015 (2006.01) H02B 1/056 (2006.01) H02B 1/20 (2006.01) H02J 13/00 (2006.01)**
[25] EN
[54] **DOORLESS MODULAR PANELBOARD**
[54] **PANNEAU MODULAIRE SANS PORTE**
[72] MITTELSTADT, CHAD R., US
[71] SCHNEIDER ELECTRIC USA, INC., US
[22] 2016-07-11
[41] 2017-01-17
[30] US (14/802.700) 2015-07-17

[21] **2,935,882**
[13] A1
[51] **Int.Cl. F02C 7/047 (2006.01) B64D 33/02 (2006.01)**
[25] EN
[54] **SPLITTER NOSE OF A LOW-PRESSURE COMPRESSOR OF AN AXIAL TURBOMACHINE WITH ANNULAR DEICING CONDUIT**
[54] **NEZ DE SEPARATEUR D'UN COMPRESSEUR BASSE PRESSION D'UNE TURBOMACHINE AXIALE DOTE D'UN CONDUIT DE DEGIVRAGE TUBULAIRE**
[72] CORTEQUISSE, JEAN-FRANCOIS, BE
[71] SAFRAN AERO BOOSTERS SA, BE
[22] 2016-07-13
[41] 2017-01-17
[30] BE (2015/5462) 2015-07-17

[21] **2,935,956**
[13] A1
[51] **Int.Cl. A61B 17/43 (2006.01) A61B 17/425 (2006.01) A61H 19/00 (2006.01) A61H 21/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ARTIFICIAL INSEMINATION**
[54] **METHODE ET APPAREIL D'INSEMINATION ARTIFICIELLE**
[72] ROSENBERG, DORON, CA
[71] ROSENBERG, DORON, CA
[22] 2016-07-08
[41] 2017-01-15
[30] US (14/800,268) 2015-07-15

[21] **2,935,982**
[13] A1
[51] **Int.Cl. C07F 9/6558 (2006.01) A61K 31/506 (2006.01) A61K 31/675 (2006.01) C07D 403/12 (2006.01)**
[25] EN
[54] **PYRIMIDINE DERIVATIVES**
[54] **DERIVES DE PYRIMIDINE**
[72] CHEN, PING, US
[72] CHENG, HENGMIAO, US
[72] GALLEGO, GARY MICHAEL, US
[72] JALAIE, MEHRAN, US
[72] KATH, JOHN CHARLES, US
[72] ORR, SUVI TUULA MARJUKKA, US
[72] PAIRISH, MASON ALAN, US
[71] PFIZER INC., US
[22] 2016-07-13
[41] 2017-01-15
[30] US (62/192,975) 2015-07-15

[21] **2,935,991**
[13] A1
[51] **Int.Cl. A62C 3/08 (2006.01) A62C 35/02 (2006.01)**
[25] EN
[54] **AIRCRAFT FIRE SUPPRESSION SYSTEM WITH ADDRESSABLE BOTTLE VALVE**
[54] **SYSTEME D'EXTINCTION D'INCENDIE DANS UN AERONEF EQUIPE D'UNE SOUPAPE DE BOUTEILLE ADRESSABLE**
[72] RENNIE, PAUL A., GB
[72] GATSONIDES, JOSEPHINE G., GB
[72] SMITH, STUART M., GB
[71] KIDDE GRAVINER LIMITED, GB
[22] 2016-07-12
[41] 2017-01-17
[30] GB (1512501.6) 2015-07-17

[21] **2,936,002**
[13] A1
[51] **Int.Cl. F24F 13/06 (2006.01) F24F 13/22 (2006.01)**
[25] EN
[54] **AIR REGISTER DRAIN**
[54] **PURGE DE GRILLE A REGISTRE**
[72] PETICCA, DANNY, CA
[71] PETICCA, DANNY, CA
[22] 2016-07-13
[41] 2017-01-20
[30] US (14/756,010) 2015-07-20

[21] **2,936,011**
[13] A1
[51] **Int.Cl. E04H 17/16 (2006.01)**
[25] EN
[54] **GLASS FENCE SUPPORT SYSTEM**
[54] **DISPOSITIF DE SUPPORT DE CLOTURE EN VERRE**
[72] BERTATO, MAURIZIO C., CA
[71] BERTATO, MAURIZIO C., CA
[22] 2016-07-13
[41] 2017-01-20
[30] US (14/756,011) 2015-07-20

[21] **2,936,028**
[13] A1
[51] **Int.Cl. B65G 47/82 (2006.01) B65G 47/88 (2006.01)**
[25] EN
[54] **ELECTRIC TURNOUT UNIT FOR AUTOMATIC CONVEYING APPARATUS**
[54] **MODULE D'ORIENTATION DE VOIE ELECTRIQUE DESTINE A UN APPAREIL DE TRANSPORT AUTOMATIQUE**
[72] ALMBERG, PATRIK, SE
[72] LUNDIN, ROLAND, SE
[72] AXMAN, ANDERS, SE
[71] EWAB INTERNATIONAL AG, CH
[22] 2016-07-12
[41] 2017-01-16
[30] DE (10 2015 111 577.8) 2015-07-16

[21] **2,936,073**
[13] A1
[51] **Int.Cl. B63B 35/73 (2006.01) A47C 27/08 (2006.01) B63C 9/08 (2006.01)**
[25] EN
[54] **RECREATIONAL FLOTATION DEVICE AND METHOD OF MANUFACTURING SAME**
[54] **DISPOSITIF DE FLOTTAISON RECREATIF ET METHODE DE FABRICATION ASSOCIEE**
[72] OSIMO, PAUL, US
[71] AQUA-LEISURE INDUSTRIES, INC., US
[22] 2016-07-14
[41] 2017-01-16
[30] US (62/193,364) 2015-07-16

[21] **2,936,103**
[13] A1
[51] **Int.Cl. F16D 13/38 (2006.01) F16D 13/64 (2006.01)**
[25] EN
[54] **FLOATING HOUSING FORCE TRANSMITTING ASSEMBLY**
[54] **DISPOSITIF DE TRANSMISSION DE FORCE DESTINE A UN LOGEMENT FLOTTANT**
[72] PATIL, YOGESH BHANUDAS, IN
[72] WEPPLO, DANIEL EINO, US
[71] EATON CORPORATION, US
[22] 2016-07-14
[41] 2017-01-15
[30] US (14/799,827) 2015-07-15

[21] **2,936,121**
[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) A63F 13/80 (2014.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ON-LINE GAME BASED ON CONSUMER WISH LIST**
[54] **SYSTEME ET METHODE DE JEU EN LIGNE FONDES SUR LA LISTE DE SOUHAITS DU CONSOMMATEUR**
[72] SKOLER, FREDERICK W., US
[71] SEARS BRANDS, LLC, US
[22] 2016-07-14
[41] 2017-01-15
[30] US (14/800,111) 2015-07-15

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[13] A1
[51] **Int.Cl. G01R 31/02 (2006.01) G01J 1/04 (2006.01) G01J 1/42 (2006.01) H02H 3/02 (2006.01)**
[25] EN
[54] **APPARATUS FOR DETECTING ARC FLASH**
[54] **APPAREIL DE DETECTION D'ECLAIR D'ARC**
[72] HOLMGAARD, NIELS, US
[72] SEEDORFF, JAKOB, US
[71] LITTELFUSE, INC., US
[22] 2016-07-14
[41] 2017-01-16
[30] US (14/801,158) 2015-07-16

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[13] A1
[51] **Int.Cl. B64B 1/62 (2006.01) B64B 1/40 (2006.01) F24J 2/00 (2014.01)**
[25] EN
[54] **BALLOON EQUIPPED WITH A CONCENTRATED SOLAR GENERATOR AND EMPLOYING AN OPTIMISED ARRANGEMENT OF SOLAR CELLS TO POWER SAID BALLOON IN FLIGHT**
[54] **MONTGOLFIERE EQUIPEE D'UN GENERATEUR SOLAIRE CONCENTRE ET EMPLOYANT UN ARRANGEMENT OPTIMISE DE PILES SOLAIRES POUR ALIMENTER LADITE MONTGOLFIERE EN VOL**
[72] BOULANGER, BERNARD, FR
[72] PROST, JEAN-PIERRE, FR
[72] CHESSEL, JEAN-PHILIPPE, FR
[72] DARGENT, THIERRY, FR
[71] THALES, FR
[22] 2016-07-14
[41] 2017-01-15
[30] FR (1501486) 2015-07-15

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[13] A1
[51] **Int.Cl. G01N 1/28 (2006.01) G01N 33/49 (2006.01) G01N 15/10 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR STABILIZING OF PROTEINS**
[54] **PROCEDE ET DISPOSITIF DE STABILISATION DE PROTEINES**
[72] ALT, JODI, US
[72] MOORE, CARISSA, US
[72] HUNSLEY, BRAD, US
[71] STRECK, INC., US
[22] 2016-07-14
[41] 2017-01-15
[30] US (62/192645) 2015-07-15
[30] US (15/209855) 2016-07-14

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[13] A1
[51] **Int.Cl. C22B 1/20 (2006.01)**
[25] EN
[54] **GRATE BAR FOR A PALLET CAR**
[54] **TIGE DE GRILLE DESTINEE A UN CHARIOT POUR PALETTE**
[72] GONZALEZ, CRISTOBAL J., US
[72] HERNANDEZ, RAY, JR., US
[71] CAST STEEL PRODUCTS LP, BY ITS GENERAL PARTNER CAST STEEL PRODUCTS GP LTD., CA
[22] 2016-07-14
[41] 2017-01-17
[30] US (62/193,845) 2015-07-17

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[13] A1
[51] **Int.Cl. A45F 3/04 (2006.01)**
[25] EN
[54] **BACKPACK WITH HINGED BACK PANEL**
[54] **SAC A DOS EQUIPE D'UN PANNEAU ARRIERE A CHARNIERE**
[72] ROWE, MICHAEL D., US
[71] ACCO BRANDS CORPORATION, US
[22] 2016-07-15
[41] 2017-01-17
[30] US (62/193,972) 2015-07-17

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[13] A1
[51] **Int.Cl. E21B 19/22 (2006.01) E21B 33/04 (2006.01) E21B 33/068 (2006.01)**
[25] EN
[54] **METHOD OF INSTALLING COILED TUBING WITH PLURALITY OF INTEGRATED LARGE DIAMETER EXTERNAL ASSEMBLIES**
[54] **METHODE D'INSTALLATION DE TUBAGE EN SERPENTIN DOTE D'UNE PLURALITE DE DISPOSITIFS EXTERNES A GRAND DIAMETRE INTEGRES**
[72] CHALIFOUX, GERALD, CA
[72] OLIVER, TODD, CA
[71] PETROSPEC ENGINEERING LTD., CA
[22] 2016-07-15
[41] 2017-01-15
[30] US (62/192,753) 2015-07-15

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[13] A1
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[54] **MAGNETIC CLOSURES FOR PIPE INSULATION**
[54] **DISPOSITIFS DE FERMETURE MAGNETIQUE DESTINES A L'ISOLATION DES TUYAUX**
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[71] HYDRA HEATING INDUSTRIES, LLC, US
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[41] 2017-01-16
[30] US (62/193,242) 2015-07-16
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[54] **MULTILAYER PANEL FOR SOUNDPROOFING AIRCRAFT INTERIORS**
[54] **PANNEAU MULTICOUCHE DESTINE A INSONORISER L'INTERIEUR D'UN AERONEF**
[72] MASSARELLI, VINCENZO, IT
[72] CANALA, VALENTINA, IT
[71] MECAER AVIATION GROUP S.P.A., IT
[22] 2016-07-15
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[25] EN
[54] **SYSTEMS AND METHODS FOR DATA EXCHANGE AND CONVERSION**
[54] **SYSTEME ET METHODE D'ECHANGE ET DE CONVERSION DE DONNEES**
[72] GARTLAND, WILLIAM J., US
[72] MONAHAN, TIMOTHY, US
[71] INTERACTIVE DATA PRICING AND REFERENCE DATA LLC, US
[22] 2016-07-15
[41] 2017-01-16
[30] US (62/193,443) 2015-07-16
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[25] EN
[54] **WATERTIGHT DOOR OR WINDOW**
[54] **PORTE OU FENETRE ETANCHE**
[72] GENTA, ROBERTO, IT
[71] OPACMARE S.R.L., IT
[22] 2016-07-15
[41] 2017-01-16
[30] EP (15177145.8) 2015-07-16

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[51] **Int.Cl. G05D 1/02 (2006.01) B62D 1/28 (2006.01) E01H 5/00 (2006.01)**
[25] EN
[54] **ROBOTIC APPARATUS FOR PLOWING OF SNOW FROM A PREDEFINED AREA**
[54] **APPAREIL ROBOTIQUE SERVANT A CHASSER LA NEIGE DANS UNE ZONE PREDEFINIE**
[72] WILSON, IAIN, CA
[71] WILSON, IAIN, CA
[22] 2016-07-18
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[30] US (62/193,546) 2015-07-16

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[25] EN
[54] **IMMUNOGENIC COMPOSITIONS COMPRISING CONJUGATED CAPSULAR SACCHARIDE ANTIGENS, KITS COMPRISING THE SAME AND USES THEREOF**
[54] **COMPOSITIONS IMMUNOGENES RENFERMANT DES ANTIGENES DE SACCHARIDE CAPSULAIRE CONJUGUE, TROUSSES COMPRENANT LESDITES COMPOSITIONS ET UTILISATIONS ASSOCIEES**
[72] WATSON, WENDY JO, US
[72] JODAR MARTIN-MONTALVO, LUIS PASCUAL, US
[72] ISTURIZ, RAUL ENRIQUE, US
[72] REINERT, RALF RENE, DE
[71] PFIZER INC., US
[22] 2016-07-18
[41] 2017-01-21
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[54] **UTILITY LOCATING TOOL**
[54] **OUTIL DE REPERAGE DE SERVICE PUBLIC**
[72] ROMERO, RAUL, US
[72] STACY, JEFF, US
[71] ROMERO, RAUL, US
[71] STACY, JEFF, US
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[51] **Int.Cl. B62B 5/00 (2006.01) B62B 3/00 (2006.01) B62B 3/04 (2006.01)**
[25] EN
[54] **SHOPPING FACILITY ASSISTANCE SYSTEMS, DEVICES AND METHODS TO DRIVE MOVABLE ITEM CONTAINERS**
[54] **SYSTEMES, APPAREILS ET METHODES D'ASSISTANCE D'UNE INSTALLATION DE MAGASINAGE DESTINES A CONDUIRE DES CONTENANTS D'ARTICLES DEPLACABLES**
[72] HIGH, DONALD R., US
[72] WINKLE, DAVID, US
[72] ATCHLEY, MICHAEL D., US
[71] WAL-MART STORES, INC., US
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[54] **SHOPPING FACILITY ASSISTANCE SYSTEMS, DEVICES, AND METHODS TO DISPATCH AND RECOVER MOTORIZED TRANSPORT UNITS THAT EFFECT REMOTE DELIVERIES**
[54] **SYSTEMES, APPAREILS ET METHODES D'ASSISTANCE D'UNE INSTALLATION DE MAGASINAGE DESTINES A DISTRIBUER ET RECUPERER DES MODULES DE TRANSPORT MOTORISES QUI EFFECTUENT DES LIVRAISONS ADISTANCE**
[72] HIGH, DONALD R., US
[72] ATCHLEY, MICHAEL D., US
[72] WINKLE, DAVID, US
[71] WAL-MART STORES, INC., US
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[25] EN
[54] **SHOPPING FACILITY ASSISTANCE SYSTEMS, DEVICES, AND METHODS TO IDENTIFY SECURITY AND SAFETY ANOMALIES**
[54] **SYSTEMES, APPAREILS ET METHODES D'ASSISTANCE D'UNE INSTALLATION DE MAGASINAGE DESTINES A DETERMINER LES ANOMALIES DE SECURITE**
[72] KAY, KARL, US
[72] HIGH, DONALD R., US
[72] ATCHLEY, MICHAEL D., US
[71] WAL-MART STORES, INC., US
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[54] **METHOD OF EXTRUDING POLYMER FILM ONTO A MAT AND PRODUCTS INCORPORATING THE RESULTING COMPOSITE MAT**
[54] **METHODE D'EXTRUSION D'UN FILM POLYMERE SUR UN TAPIS ET PRODUITS INCORPORANT LE TAPIS EN COMPOSITE OBTENU**
[72] LEITCH, OLAN THOMAS, US
[72] KEATEN, MARK LOGAN, US
[72] KIIK, MATTI, US
[71] BUILDING MATERIALS INVESTMENT CORPORATION, US
[22] 2016-07-18
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[54] **SHOPPING FACILITY ASSISTANCE SYSTEM AND METHOD TO RETRIEVE IN-STORE ABANDONED MOBILE ITEM CONTAINERS**
[54] **METHODE ET SYSTEME D'ASSISTANCE DANS UNE INSTALLATION DE MAGASINAGE DESTINES A ENLEVER DES CONTENANTS D'ARTICLES DEPLACABLES ABANDONNES DANS LE MAGASIN**
[72] HIGH, DONALD R., US
[72] ATCHLEY, MICHAEL D., US
[72] WINKLE, DAVID, US
[71] WAL-MART STORES, INC., US
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[54] **METHOD AND SYSTEM FOR INTELLIGENT CLOUD PLANNING AND DECOMMISSIONING**
[54] **METHODE ET SYSTEME INTELLIGENTS DE PLANIFICATION ET MISE HORS SERVICE DE NUAGE**
[72] BIJANI, PRAMOD, IN
[72] SACHDEV, RAVI, IN
[72] BANDKAR, MAHESH, IN
[72] GOPINATH, ASHOK, IN
[72] PARULKAR, ANAND GOVIND, IN
[71] ACCENTURE GLOBAL SERVICES LIMITED, IE
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[25] EN
[54] **DIAGNOSTICS OF DOWNHOLE DYNAMOMETER DATA FOR CONTROL AND TROUBLESHOOTING OF RECIPROCATING ROD LIFT SYSTEMS**
[54] **DIAGNOSTICS DE DONNEES DE DYNAMOMETRE EN FOND DE TROU DESTINES AU CONTROLE ET AU DEPANNAGE DE SYSTEMES DE LEVAGE DE TIGE A MOUVEMENT ALTERNATIF**
[72] PONS, VICTORIA M., US
[72] ALLISON, ANTHONY P., US
[72] GOMES, JEREMY M., US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[22] 2016-07-15
[41] 2017-01-15
[30] US (62/193,060) 2015-07-15
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[54] **METHOD OF IMPROVING VEHICLE TRANSMISSION OPERATION THROUGH USE OF SPECIFIC LUBRICANT COMPOSITIONS**
[54] **PROCEDE D'AMELIORATION DU FONCTIONNEMENT DE LA TRANSMISSION D'UN VEHICULE AU MOYEN DE COMPOSITIONS LUBRIFIANTES SPECIFIQUES**
[72] WATTS, RAYMOND, US
[72] GORDA, KEITH, US
[72] KIM, HAHN SOO, US
[71] INFINEUM INTERNATIONAL LIMITED, GB
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[51] **Int.Cl. E04C 3/292 (2006.01) B27M 3/00 (2006.01) E04B 1/26 (2006.01) E04B 1/30 (2006.01) E04C 3/16 (2006.01) E04C 3/17 (2006.01) E04C 3/18 (2006.01)**
[25] EN
[54] **I-JOISTS AND METHOD OF FABRICATION THEREOF**
[54] **SOLIVES EN I ET METHODE DE FABRICATION ASSOCIEE**
[72] COSSETTE, DENIS, CA
[72] FILION, MICHEL, CA
[72] FRAPPIER, JULIE, CA
[71] LES CHANTIERS DE CHIBOUGAMAU LTEE, CA
[22] 2016-07-14
[41] 2017-01-16
[30] US (62/193,329) 2015-07-16

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[51] **Int.Cl. G01V 9/00 (2006.01) G01N 15/08 (2006.01) G01V 1/28 (2006.01)**
[25] EN
[54] **PREDICTING MECHANICAL AND ELASTIC ROCK PROPERTIES OF THE SUBSURFACE**
[54] **PREDICTION DE PROPRIETES MECANIQUES ET ELASTIQUES DE ROCHES EN SOUS-SURFACE**
[72] SPENCE, GRAHAM, FR
[72] BRINDLE, SCOTT, FR
[72] WINDMILL, RICHARD, FR
[72] ALLO, FABIEN, FR
[71] CGG SERVICES SA, FR
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[51] **Int.Cl. F16D 13/70 (2006.01) F16D 13/00 (2006.01)**
[25] EN
[54] **DRIVE CLUTCH**
[54] **EMBRAYAGE D'ENTRAINEMENT**
[72] ZULAWSKI, DENNIS, US
[71] ZULAWSKI, DENNIS, US
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[51] **Int.Cl. F16L 25/00 (2006.01) F16L 25/01 (2006.01) F16L 33/00 (2006.01) F16L 37/00 (2006.01)**
[25] EN
[54] **HEATED CONNECTOR ASSEMBLY**
[54] **MECANISME CONNECTEUR CHAUFFE**
[72] WARD, NICHOLAS, US
[72] IGNACZAK, BRIAN, US
[72] MOORE, GLENN, US
[71] NORMA U.S. HOLDING LLC, US
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[30] US (62/194,434) 2015-07-20
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[51] **Int.Cl. G06Q 40/02 (2012.01)**
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[54] **METHOD AND SYSTEM FOR FORWARDING CONTACT DATA**
[54] **METHODE ET SYSTEME DE TRANSFERT DE DONNEES DE CONTACT**
[72] MASSICOTTE, LOUIS, CA
[71] MASSICOTTE, LOUIS, CA
[22] 2016-07-18
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[30] CA (2,897,771) 2015-07-17

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[51] **Int.Cl. E21B 41/00 (2006.01) E21B 15/00 (2006.01)**
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[54] **ADJUSTABLE CONTAINMENT ENVELOPE**
[54] **ENVELOPPE DE CONFINEMENT AJUSTABLE**
[72] HOLTBY, QUINN A. J., CA
[71] KATCH KAN HOLDINGS LTD., CA
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[25] EN
[54] **INTEGRAL OIL TANK HEAT EXCHANGER**
[54] **ECHANGEUR THERMIQUE INTEGRE A UN RESERVOIR D'HUILE**
[72] KENWORTHY, MICHAEL THOMAS, US
[72] STEWART, LONNIE RAY, JR., US
[71] UNISON INDUSTRIES LLC, US
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[30] US (62/195,065) 2015-07-21
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[51] **Int.Cl. A23C 19/086 (2006.01) A23C 19/09 (2006.01)**
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[54] **METHOD FOR PRODUCING CHEESE CHIPS AND RAISED CHEESE CHIPS**
[54] **METHODE DE PRODUCTION DE CROUSTILLES AU FROMAGE ET DE CROUSTILLES AU FROMAGE SURELEVEES**
[72] RADAS, PAULINA, PL
[72] RADAS, PAWEL, PL
[71] FIRMA PRODUKCY JNO-HANDLOWA "PAULA" SPOLKA Z OGRANICZONA ODPOWIEDZIALNOSCIA SPOLKA KOMANDYTOWA, PL
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[54] **MULTIPLEXED EXCITATION EMISSION MATRIX SPECTROSCOPY**
[54] **SPECTROSCOPIE PAR MATRICE D'EMISSION-EXCITATION MULTIPLEXEE**
[72] LOOCK, HANS-PETER, CA
[72] REICH, OLIVER, DE
[72] ANDREWS, NICHOLAS L. P., CA
[71] QUEEN'S UNIVERSITY AT KINGSTON, CA
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[51] **Int.Cl. A47G 9/08 (2006.01) A47G 9/02 (2006.01)**
[25] EN
[54] **SLEEPING BAG WITH BLANKET**
[54] **SAC DE COUCHAGE DOTE D'UNE COUVERTURE**
[72] DUBOIS, JOE, US
[72] DAY, ANDREW, US
[72] NEILSON, SCOTT, US
[72] ANDERSON, JESSE, US
[72] GRILL, CHRIS, US
[71] EXXEL OUTDOORS, LLC, US
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[25] EN
[54] **SYSTEM AND METHOD FOR LIST REORDERING BASED ON FREQUENCY DATA OR MICRO-LOCATION**
[54] **SYSTEME ET METHODE DE PREPARATION DE RENOUVELLEMENT DE COMMANDE FONDEE SUR LES DONNEES DE FREQUENCE OU LA MICRO-LOCALISATION**
[72] SINOPOLI, FRANCESCO, CA
[72] SIMPSON, JUSTIN, CA
[71] COUPGON INC., CA
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[51] **Int.Cl. C25B 1/26 (2006.01) C25B 9/18 (2006.01) C25B 15/08 (2006.01)**
[25] EN
[54] **AN EFFICIENT ELECTROLYSIS SYSTEM FOR SODIUM CHLORATE PRODUCTION**
[54] **UN SYSTEME D'ELECTROLYSE EFFICACE DESTINE A LA PRODUCTION DE CHLORATE DE SODIUM**
[72] WANG, SHUANGFEI, CN
[72] XU, CUISHENG, CN
[72] ZHAN, LEI, CN
[72] SONG, HAINONG, CN
[72] LI, ZHONGPING, CN
[72] TAN, LANG, CN
[71] GUANGXI BOSSCO ENVIRONMENTAL PROTECTION TECHNOLOGY, CN
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[51] **Int.Cl. C25B 1/26 (2006.01) C01B 7/01 (2006.01) C01B 11/02 (2006.01)**
[25] EN
[54] **AN INTEGRATED METHOD AND SYSTEM FOR THE CHLORINE DIOXIDE PRODUCTION COUPLED WITH A RELATIVELY INDEPENDENT SODIUM CHLORATE ELECTROLYTIC PRODUCTION**
[54] **UNE METHODE ET UN SYSTEME INTEGRES DESTINES A LA PRODUCTION DE DIOXYDE DE CHLORE COUPLEE A LA PRODUCTION ELECTROLYTIQUE DE CHLORATE DE SODIUM RELATIVEMENT INDEPENDANTE**
[72] WANG, SHUANGFEI, CN
[72] XU, CUISHENG, CN
[72] ZHAN, LEI, CN
[72] SONG, HAINONG, CN
[72] HUANG, BINGGUI, CN
[72] YANG, YAN, CN
[72] BAN, FEI, CN
[71] GUANGXI BOSSCO ENVIRONMENTAL PROTECTION TECHNOLOGY, CN
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[51] **Int.Cl. A62B 35/00 (2006.01)**
[25] EN
[54] **VARIABLE TENSION STRAPPING SYSTEM 2.0**
[54] **SYSTEME 2.0 DE BANDAGE A TENSION VARIABLE**
[72] UNKNOWN, ZZ
[71] BIGGIN, SCOTT, CA
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[51] **Int.Cl. A47L 13/50 (2006.01) A47L 13/52 (2006.01)**
[25] EN
[54] **PORTABLE DEVICE FOR RECEIVING A LIQUID FROM A FLOOR SURFACE OR THE LIKE USING A SQUEEGEE**
[54] **APPAREIL PORTATIF DESTINE A RECEVOIR UN LIQUIDE PROVENANT D'UNE SURFACE DE PLANCHER OU AUTRE SEMBLABLE AU MOYEN D'UN RACLOIR**
[72] NADEAU, CLAUDE, CA
[71] NADEAU DESIGN INC., CA
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[51] **Int.Cl. B21F 3/04 (2006.01) B21F 35/00 (2006.01)**
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[54] **CONTINUOUS HEATING DEVICE FOR COIL SPRINGS AND HEATING METHOD USING THE SAME DEVICE**
[54] **DISPOSITIF DE CHAUFFAGE EN CONTINU DESTINE A DES RESSORTS HELICOIDAUX ET METHODE DE CHAUFFAGE EMPLOYANT LEDIT DISPOSITIF**
[72] CHUNG, CHAN-KI, KR
[71] DAEWON APPLIED ENG. CO., KR
[22] 2016-11-15
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[54] **WASTEWATER TREATMENT SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE TRAITEMENT DES EAUX USEES**
[72] CULLER, PAUL L., US
[71] ECO WASTEWATER CONCENTRATOR, LLC, US
[22] 2016-11-17
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PCT Applications Entering the National Phase

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[25] EN
[54] **SYSTEMS AND METHODS FOR HANDLING AND ROUTING INCOMING COMMUNICATION REQUESTS**
[54] **SYSTEMES ET PROCEDES POUR TRAITER ET ROUTER DES REQUETES DE COMMUNICATIONS ENTRANTES**
[72] BEIMES, ZACH, US
[72] PELLER, SPENCER, US
[71] VIZICALL, LLC, US
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[25] EN
[54] **NUCLEOSIDE DERIVATIVES FOR THE TREATMENT OF CANCER**
[54] **DERIVES DE NUCLEOSIDES POUR LE TRAITEMENT DU CANCER**
[72] DOUSSON, CYRIL, FR
[72] DUKHAN, DAVID, FR
[72] PARSY, CHRISTOPHE CLAUDE, FR
[72] ALEXANDRE, FRANCOIS-RENE, FR
[72] RAHALI, RACHID, FR
[72] PAPARIN, JEAN-LAURENT, FR
[71] IDENIX PHARMACEUTICALS LLC, US
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[25] EN
[54] **METHOD AND SYSTEM FOR DOWNHOLE OBJECT LOCATION AND ORIENTATION DETERMINATION**
[54] **PROCEDE ET SYSTEME DE DETERMINATION DE LA LOCALISATION ET L'ORIENTATION D'OBJET DE FOND DE TROU**
[72] MILNE, CRAIG, GB
[72] FRANKEY, BRIAN, GB
[72] PARKER, TOM, GB
[72] FARHADIROUSHAN, MAHMOUD, GB
[71] SILIXA LTD., GB
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[25] EN
[54] **EXTENSIBLE HOSE AND HOSE ASSEMBLY**
[54] **TUYAU EXTENSIBLE ET ENSEMBLE TUYAU**
[72] DE NORA, PAOLO, IT
[71] DE NORA, PAOLO, IT
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[51] **Int.Cl. F16H 25/20 (2006.01)**
[25] EN
[54] **ACTUATORS AND METHODS FOR AIRCRAFT FLIGHT CONTROL SURFACES**
[54] **ACTIONNEURS ET PROCEDES POUR GOUVERNES D'AERONEF**
[72] NFONGUEM, GUSTAVE, CA
[72] CHOUINARD, PATRICK, CA
[72] PLANTE, JEAN-SEBASTIEN, CA
[72] DENNINGER, MARC, CA
[72] ILIESCU, VLAD, CA
[71] BOMBARDIER INC., CA
[71] UNIVERSITE DE SHERBROOKE, CA
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[86] 2015-05-13 (PCT/IB2015/053536)
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[25] EN
[54] **RAZOR BLADES**
[54] **LAMES DE RASOIR**
[72] SKROBIS, KENNETH JAMES, US
[72] SHEN, BIN, US
[72] JU, YONGQING, US
[72] STONE, MATTHEW ROBERT, US
[71] THE GILLETTE COMPANY LLC, US
[85] 2016-11-10
[86] 2015-05-15 (PCT/US2015/030936)
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[30] US (14/281,153) 2014-05-19

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[25] EN
[54] **LINK CHAIN OF A MOVING WALKWAY OR AN ESCALATOR**
[54] **CHAINE ARTICULEE D'UN TROTTOIR ROULANT OU D'UN ESCALIER ROULANT**
[72] SCHULZ, ROBERT, AT
[72] ILLEDITS, THOMAS, AT
[72] MATHEISL, MICHAEL, AT
[71] INVENTIO AG, CH
[85] 2016-11-14
[86] 2015-05-13 (PCT/EP2015/060616)
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[51] **Int.Cl. F03D 13/20 (2016.01) E04H 12/22 (2006.01)**
[25] EN
[54] **WIND TURBINE TOWER AND METHOD FOR ERECTING A WIND TURBINE TOWER**
[54] **TOUR D'EOLIENNE ET PROCEDE PERMETTANT D'ERIGER UNE TOUR D'EOLIENNE**
[72] HORN, GUNTHER, DE
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2016-11-14
[86] 2015-05-26 (PCT/EP2015/061515)
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[25] EN
[54] **RE-CIRCULATING BALL SLIDING SUPPORT ASSEMBLY**
[54] **ENSEMBLE SUPPORT COULISSANT A BILLES A RE-CIRCULATION**
[72] HERCHENREDER, STEFAN, GB
[72] BROOKS, DAVID, GB
[72] BAYLES, PETER, GB
[71] ACCURIDE INTERNATIONAL LIMITED, GB
[85] 2016-11-14
[86] 2015-05-14 (PCT/GB2015/051433)
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[30] GB (1408592.2) 2014-05-14

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[51] **Int.Cl. F16K 15/10 (2006.01) B60C 23/00 (2006.01) F16K 31/126 (2006.01)**
[25] FR
[54] **DEVICE FOR AUTOMATIC INFLATION-DEFLATION OF A CONTAINMENT CAPACITY FOR A PRESSURISED GASEOUS FLUID**
[54] **DISPOSITIF DE GONFLAGE-DEGONFLAGE AUTOMATIQUE D'UNE CAPACITE DE CONFINEMENT D'UN FLUIDE GAZEUX SOUS PRESSION**
[72] FAZEKAS, STEPHANE, FR
[71] FAZEKAS, STEPHANE, FR
[85] 2016-11-14
[86] 2015-05-06 (PCT/FR2015/051199)
[87] (WO2015/173493)
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[51] **Int.Cl. B23B 29/04 (2006.01) B23B 27/00 (2006.01)**
[25] EN
[54] **MACHINE TOOL ASSEMBLY CONFIGURED FOR SWIFT DISSASEMBLY**
[54] **ENSEMBLE MACHINE-OUTIL CONCU POUR UN DESASSEMBLAGE RAPIDE**
[72] NEIMAN, GRIGORI, IL
[71] ISCAR LTD., IL
[85] 2016-11-14
[86] 2015-04-16 (PCT/IL2015/050408)
[87] (WO2015/173795)
[30] US (14/278,088) 2014-05-15

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[25] FR
[54] **CONNECTION DEVICE FOR TUBULAR ELEMENTS**
[54] **DISPOSITIF DE CONNEXION POUR ELEMENTS TUBULAIRES**
[72] PEVERADA, LINO, CH
[71] PEVERADA, LINO, CH
[85] 2016-11-14
[86] 2015-05-13 (PCT/IB2015/053524)
[87] (WO2015/173746)
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[25] EN
[54] **DEVICE FOR FIXING A GUTTER TO A BUILDING CONSTRUCTION, BUILDING CONSTRUCTION WITH SUCH A DEVICE, FIXING MEMBER, SUPPORT MEMBER**
[54] **DISPOSITIF DE FIXATION D'UNE GOUTTIERE A UNE STRUCTURE DE BATIMENT, STRUCTURE DE BATIMENT COMPRENANT UN TEL DISPOSITIF, ELEMENT DE FIXATION, ELEMENT DE SUPPORT**
[72] DE WILDE, GERRIT JAN, NL
[71] JAROLA VISION B.V., NL
[85] 2016-11-14
[86] 2015-05-12 (PCT/NL2015/050330)
[87] (WO2015/174831)
[30] NL (2012816) 2014-05-14

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[51] **Int.Cl. E21B 17/00 (2006.01) E21B 17/02 (2006.01)**
[25] EN
[54] **ISOLATOR SUB**
[54] **REDUCTION A ISOLATEUR**
[72] ARCHULETA, JACOBO ROGELIO, US
[71] CHEVRON U.S.A. INC., US
[85] 2016-11-14
[86] 2015-04-24 (PCT/US2015/027559)
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[25] EN
[54] **NUCLEIC ACID COMPOUNDS FOR BINDING TO COMPLEMENT COMPONENT 3 PROTEIN**
[54] **COMPOSES D'ACIDE NUCLEIQUE DESTINE A SE LIER A LA PROTEINE COMPOSANT 3 DU SYSTEME DU COMPLEMENT**
[72] DROLET, DANIEL W., US
[72] ZHANG, CHI, US
[72] O'CONNELL, DANIEL J., US
[72] GUPTA, SHASHI, US
[71] SOMALOGIC, INC., US
[85] 2016-11-15
[86] 2015-05-29 (PCT/US2015/033355)
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[51] **Int.Cl. B25J 17/02 (2006.01) B25J 5/00 (2006.01) B25J 19/00 (2006.01)**
[25] EN
[54] **JOINT ARRANGEMENT HAVING AT LEAST ONE DRIVEN AXIS**
[54] **ENSEMBLE D'ARTICULATION COMPRENANT AU MOINS UN ESSIEU ENTRAINE**
[72] FROHLICH, TIM, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2016-11-16
[86] 2015-04-02 (PCT/EP2015/057390)
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[30] DE (10 2014 107 071.2) 2014-05-20

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[13] A1
[51] **Int.Cl. F16H 57/04 (2010.01)**
[25] EN
[54] **APPARATUS FOR MANAGING FLUID FLOW IN A VEHICLE**
[54] **APPAREIL PERMETTANT DE GERER UN ECOULEMENT DE FLUIDE DANS UN VEHICULE**
[72] FLAXMAN, ROBERT JOHN BONNER, GB
[71] QINETIQ LIMITED, GB
[85] 2016-11-16
[86] 2015-05-22 (PCT/EP2015/061461)
[87] (WO2015/177362)
[30] GB (1409180.5) 2014-05-23

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[13] A1
[51] **Int.Cl. E02D 27/35 (2006.01) E02D 19/16 (2006.01)**
[25] FR
[54] **METHOD FOR INSULATING SUB-SOIL**
[54] **PROCEDE D'ISOLATION DE SOUS-SOL**
[72] GARNIER, ANDRE, FR
[72] COLLET, PASCAL, FR
[72] GREEN, ERIK, FR
[71] TOTAL SA, FR
[85] 2016-11-16
[86] 2015-05-15 (PCT/FR2015/051281)
[87] (WO2015/173529)
[30] EP (14305723.0) 2014-05-16

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[13] A1
[51] **Int.Cl. C12N 9/64 (2006.01) C12N 15/57 (2006.01)**
[25] EN
[54] **PROHEMOSTATIC PROTEINS FOR THE TREATMENT OF BLEEDING**
[54] **PROTEINES PROHEMOSTATIQUES POUR LE TRAITEMENT D'UNE HEMORRAGIE**
[72] VERHOEF, DANIEL, NL
[72] REITSMA, PIETER H., NL
[72] BOS, METTINE H.A., NL
[71] ACADEMISCH ZIEKENHUIS LEIDEN, NL
[85] 2016-11-16
[86] 2015-05-26 (PCT/NL2015/050377)
[87] (WO2015/183085)
[30] EP (14169895.1) 2014-05-26

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[13] A1
[51] **Int.Cl. B61D 17/18 (2006.01) B60R 13/08 (2006.01)**
[25] EN
[54] **THERMAL INSULATING ELEMENT AND METHOD FOR ASSEMBLING A THERMAL INSULATING ELEMENT ON AN INTERIOR SURFACE OF A RAIL VEHICLE**
[54] **ELEMENT D'ISOLATION THERMIQUE ET PROCEDE DE MONTAGE D'UN ELEMENT D'ISOLATION THERMIQUE SUR UNE SURFACE DE L'HABITACLE D'UN VEHICULE SUR RAILS**
[72] FEHR, ERNST, CH
[71] SSC SWISS SHIELDING CORPORATION AG, CH
[85] 2016-11-17
[86] 2015-05-22 (PCT/EP2015/061368)
[87] (WO2015/177335)
[30] DE (10 2014 107 290.1) 2014-05-23

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[13] A1
[51] **Int.Cl. F24H 9/20 (2006.01) F24H 7/00 (2006.01)**
[25] EN
[54] **A SYSTEM AND METHOD FOR ADAPTIVELY CONTROLLING THE CHARGING TIME OF A STORAGE HEATER**
[54] **SYSTEME ET PROCEDE DE COMMANDE ADAPTATIVE DU TEMPS DE CHARGE D'UN CHAUFFE-EAU A ACCUMULATION**
[72] MCDONALD, ALAN, GB
[72] SHIELDS, DAMIAN, GB
[71] BASIC HOLDINGS, IE
[85] 2016-11-17
[86] 2015-05-26 (PCT/EP2015/061535)
[87] (WO2015/181136)
[30] GB (1409352.0) 2014-05-27

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[13] A1
[51] **Int.Cl. B63B 43/16 (2006.01)**
[25] FR
[54] **DEVICE FOR SEALING AN OPENING IN A WALL**
[54] **DISPOSITIF D'OBTURATION D'UN ORIFICE DANS UNE PAROI**
[72] MARCIREAU, DANIEL, FR
[71] MARCIREAU, DANIEL, FR
[85] 2016-11-17
[86] 2015-04-30 (PCT/FR2015/051165)
[87] (WO2015/181460)
[30] FR (1454746) 2014-05-26

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[13] A1
[51] **Int.Cl. C09K 8/584 (2006.01) E21B 43/16 (2006.01)**
[25] EN
[54] **METHOD FOR PREDICTING THE OPTIMAL SALINITY OF INTERNAL OLEFIN SULFONATE COMPOSITIONS**
[54] **PROCEDE DE PREDICTION DE LA SALINITE OPTIMALE DE COMPOSITIONS DE SULFONATE D'OLEFINE INTERNE**
[72] BARNES, JULIAN RICHARD, NL
[72] DIRKSWAGER, HENDRIK, NL
[72] REZNIK, CARMEN GERALDINE, US
[72] VAN JUIJK, SJOERD REINDERT, NL
[72] GEIB, SONJA, NL
[72] BUECHELE, JAMES LAUREL (DECEASED), US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[13] A1
[51] **Int.Cl. A63G 31/00 (2006.01) A63G 7/00 (2006.01) B61L 23/00 (2006.01)**
[25] EN
[54] **VIRTUAL ATTRACTION CONTROLLER**
[54] **CONTROLEUR D'ATTRACTION VIRTUEL**
[72] VANCE, ERIC, US
[72] MAYCOCK, MARK, CA
[71] UNIVERSAL CITY STUDIOS LLC, US
[85] 2016-11-17
[86] 2015-05-18 (PCT/US2015/031384)
[87] (WO2015/179298)
[30] US (14/284,270) 2014-05-21

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[13] A1
[51] **Int.Cl. B60N 2/34 (2006.01) A61G 5/10 (2006.01) B64D 11/06 (2006.01)**
[25] EN
[54] **ADJUSTABLE SEAT**
[54] **SIEGE REGLABLE**
[72] JURKIEWICZ, DAMON, US
[72] MINDALA, ROCHELLE, US
[72] LOWENTHAL, HOWARD, US
[72] KUSHNER, BRADLEY, US
[71] INVACARE CORP., US
[85] 2016-11-17
[86] 2015-05-20 (PCT/US2015/031688)
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[30] US (62/000,785) 2014-05-20

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[13] A1
[51] **Int.Cl. F16C 11/04 (2006.01) B64D 27/26 (2006.01) F16C 11/06 (2006.01) F16C 23/04 (2006.01)**
[25] FR
[54] **BALL JOINT DEVICE FOR A TURBINE ENGINE**
[54] **DISPOSITIF D'ARTICULATION A ROTULE POUR UNE TURBOMACHINE**
[72] FLORENT, NICOLAS MARC, FR
[72] TESNIERE, MARC PATRICK, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[85] 2016-11-18
[86] 2015-05-07 (PCT/FR2015/051222)
[87] (WO2015/177431)
[30] FR (FR1454559) 2014-05-21

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[13] A1
[51] **Int.Cl. B23B 27/14 (2006.01)**
[25] EN
[54] **CUTTING INSERT WITH CHIP-CONTROL ARRANGEMENT**
[54] **PLAQUETTE DE COUPE DOTEE D'UN AGENCEMENT DE GUIDAGE DE COPEAUX**
[72] KRISHTUL, ROMAN, IL
[71] ISCAR LTD., IL
[85] 2016-11-18
[86] 2015-05-05 (PCT/IL2015/050471)
[87] (WO2015/177781)
[30] US (14/282,214) 2014-05-20

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[13] A1
[51] **Int.Cl. F25D 31/00 (2006.01) F25B 1/04 (2006.01)**
[25] EN
[54] **SYSTEM FOR STORING AND COOLING MILK, MILKING SYSTEM, AND METHOD FOR COOLING MILK**
[54] **SYSTEME POUR LE STOCKAGE ET LE REFROIDISSEMENT DE LAIT, SYSTEME DE TRAITE ET PROCEDE DE REFROIDISSEMENT DE LAIT**
[72] MEILLAN, JEAN-PIERRE, SE
[72] STOPA, JERZY, SE
[71] DELAVAL HOLDING AB, SE
[85] 2016-11-18
[86] 2015-05-19 (PCT/SE2015/050560)
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[30] SE (1450594-5) 2014-05-20
[30] SE (1451344-4) 2014-11-10

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[13] A1
[51] **Int.Cl. E21B 7/06 (2006.01) E21B 41/00 (2006.01) E21B 47/022 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLED SLIP CONNECTION**
[54] **SYSTEME ET PROCEDE DE RACCORDEMENT A GLISSEMENT CONTROLE**
[72] BOWLEY, RYAN THOMAS, CA
[72] YAJURE, EDGAR FERNANDO, CA
[71] TESCO CORPORATION, US
[85] 2016-11-18
[86] 2015-05-18 (PCT/US2015/031399)
[87] (WO2015/179307)
[30] US (14/284,183) 2014-05-21

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[51] **Int.Cl. F16D 69/00 (2006.01) F16D 65/12 (2006.01)**
[25] EN
[54] **BRAKE ROTOR WITH WORKING SURFACE INSERTS**
[54] **ROTOR DE FREIN A INSERTS DE SURFACE DE TRAVAIL**
[72] BEAN, RICHARD, US
[72] MECKEL, NATHAN K., US
[72] FRANKIEWICZ, WALTER F., US
[71] TECH M3, INC., US
[85] 2016-11-18
[86] 2015-05-19 (PCT/US2015/031609)
[87] (WO2015/179420)
[30] US (62/000,461) 2014-05-19

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[13] A1
[51] **Int.Cl. E21B 10/26 (2006.01) E21B 17/10 (2006.01)**
[25] FR
[54] **STABILIZER-REAMER FOR DRILL STRING**
[54] **STABILISATEUR-ALESEUR POUR TRAIN DE FORAGE**
[72] DELWICHE, ROBERT, BE
[72] OORT, HARRIE, GB
[72] BIGGS, NICHOLAS, GB
[72] LAMINE, ETIENNE, BE
[71] DIAROTECH S.A., BE
[71] AURORA BIT CONSULTANCY LTD, GB
[85] 2016-11-21
[86] 2015-05-20 (PCT/EP2015/061069)
[87] (WO2015/181010)
[30] BE (2014/0411) 2014-05-30

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[51] **Int.Cl. E21B 43/25 (2006.01) E21B 33/122 (2006.01)**
[25] EN
[54] **METHOD FOR STIMULATION OF THE NEAR-WELLBORE RESERVOIR OF A WELLBORE**
[54] **PROCEDE POUR LA STIMULATION D'UN RESERVOIR A PROXIMITE DU PUITS DE FORAGE D'UN PUITS DE FORAGE**
[72] HANSEN, JENS HENRIK, QA
[72] KUTTANIKKAD, SREEJITH PULLOOR, QA
[71] MAERSK OLIE OG GAS A/S, DK
[85] 2016-11-21
[86] 2015-05-20 (PCT/EP2015/061090)
[87] (WO2015/177199)
[30] GB (1408900.7) 2014-05-20

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[13] A1
[51] **Int.Cl. C07K 16/46 (2006.01) C40B 30/04 (2006.01) C07K 19/00 (2006.01)**
[25] EN
[54] **NEW BISPECIFIC FORMAT SUITABLE FOR USE IN HIGH-THROUGH-PUT SCREENING**
[54] **NOUVEAU FORMAT BISPECIFIQUE ADAPTE POUR ETRE UTILISE DANS LE CRIBLAGE A HAUT DEBIT**
[72] FINNEY, HELENE MARGARET, GB
[72] RAPECKI, STEPHEN EDWARD, GB
[72] WRIGHT, MICHAEL JOHN, GB
[71] UCB BIOPHARMA SPRL, BE
[85] 2016-11-21
[86] 2015-05-28 (PCT/EP2015/061819)
[87] (WO2015/181282)
[30] GB (1409558.2) 2014-05-29

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[13] A1
[51] **Int.Cl. F16L 27/08 (2006.01) F16L 17/02 (2006.01)**
[25] FR
[54] **HIGH-PRESSURE ROTARY SEAL-PLUG ASSEMBLY WITH EXPANDABLE CONTINUOUS RING**
[54] **RACCORD D'ETANCHEITE TOURNANT HAUTE-PRESSION A BAGUE CONTINUE EXTENSIBLE**
[72] RABHI, VIANNEY, FR
[71] RABHI, VIANNEY, FR
[85] 2016-11-18
[86] 2015-06-01 (PCT/FR2015/051438)
[87] (WO2015/185839)
[30] FR (1455195) 2014-06-06

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[13] A1
[51] **Int.Cl. B60T 13/66 (2006.01) B60T 8/18 (2006.01)**
[25] EN
[54] **ELECTRO-PNEUMATIC BRAKING SYSTEM FOR A RAILWAY VEHICLE**
[54] **SYSTEME DE FREINAGE ELECTROPNEUMATIQUE POUR UN VEHICULE FERROVIAIRE**
[72] CORRENDO, ROBERTO, IT
[72] TIONE, ROBERTO, IT
[71] FAIVELEY TRANSPORT ITALIA S.P.A., IT
[85] 2016-11-21
[86] 2015-05-28 (PCT/IB2015/054008)
[87] (WO2015/181764)
[30] IT (TO2014A000425) 2014-05-28

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[13] A1
[51] **Int.Cl. E05F 15/70 (2015.01) B61D 19/02 (2006.01) H02P 3/12 (2006.01)**
[25] EN
[54] **ELECTRONIC CIRCUIT FOR SAFELY CLOSING A MOTOR-DRIVEN DOOR OF A RAIL VEHICLE**
[54] **CIRCUIT ELECTRONIQUE DE FERMETURE SECURISEE D'UNE PORTE MOTORISEE DE VEHICULE FERROVIAIRE**
[72] MAIR, ANDREAS, AT
[71] KNORR-BREMSE GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, AT
[85] 2016-11-21
[86] 2015-05-21 (PCT/EP2015/061296)
[87] (WO2015/177295)
[30] AT (A 50366/2014) 2014-05-22

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[13] A1
[51] **Int.Cl. B21C 37/28 (2006.01) B21D 41/02 (2006.01) F16L 33/20 (2006.01) F16L 33/30 (2006.01)**
[25] EN
[54] **A METHOD OF MAKING A HOSE CONNECTION FOR A HOSE**
[54] **PROCEDE DE FABRICATION D'UN RACCORD DE TUYAU FLEXIBLE POUR UN TUYAU FLEXIBLE**
[72] ZANCHI, AMBROGIO, IT
[71] BREMBOFLEX S.P.A., IT
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[54] **MOVING WALKWAY SAFETY SYSTEM**
[54] **SYSTEME DE SECURITE DE TROTTOIR ROULANT**
[72] NELSON, STEPHEN, GB
[71] KERETT ELECTRONIC SERVICES LTD, GB
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[86] 2015-05-21 (PCT/GB2015/051499)
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[54] **PRESSURE BULKHEAD FOR AN AIRCRAFT FUSELAGE**
[54] **CLOISON ETANCHE POUR UN FUSELAGE D'AERONEF**
[72] ZUARDY, ICHWAN, DE
[72] HOFFMEISTER, THOMAS, DE
[72] HERRMANN, AXEL SIEGFRIED, DE
[72] MULLER, MARKUS, DE
[71] AIRBUS OPERATIONS GMBH, DE
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[25] FR
[54] **LOCKING ASSEMBLY FOR LOCKING AND UNLOCKING A PALLET ON A SUPPORT STRUCTURE**
[54] **ENSEMBLE DE VERROUILLAGE POUR LE VERROUILLAGE ET LE DEVERROUILLAGE D'UNE PALETTE SUR UNE STRUCTURE SUPPORT**
[72] SCHEER, DANIEL, FR
[71] LOHR ELECTROMECANIQUE, FR
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[25] EN
[54] **SEALING DEVICE AND METHOD FOR SEALING IN A FLUID MEDIUM**
[54] **DISPOSITIF DE SCELLEMENT ETANCHE ET PROCEDE POUR SCELLER DE MANIERE ETANCHE DANS UN MILIEU LIQUIDE**
[72] BAUMANN, MICHAEL, GB
[72] KOGLER, CHRISTIAN, AT
[72] SWETE, WOLFGANG, AT
[71] AKTIEBOLAGET SKF, SE
[85] 2016-11-25
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[54] **GRIPPER FOR GRIPPING, MOVING AND DEPOSITING A PALLET**
[54] **PREHENSEUR POUR ACCROCHER, DEPLACER ET DEPOSER UNE PALETTE**
[72] SCHEER, DANIEL, FR
[71] LOHR ELECTROMECANIQUE, FR
[85] 2016-11-25
[86] 2015-05-27 (PCT/FR2015/051406)
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[25] EN
[54] **HEAT TREATMENT MONITORING SYSTEM**
[54] **SYSTEME DE SURVEILLANCE DE TRAITEMENT THERMIQUE**
[72] STORK GENANNT WERSBORG, INGO, DE
[71] STORK GENANNT WERSBORG, INGO, DE
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[54] **ADJUSTABLE RAILWAY WAYSIDE SIGNAL STRUCTURE**
[54] **STRUCTURE DE SIGNAL EN BORDURE DE VOIE DE CHEMIN DE FER REGLABLE**
[72] WILLIAMSON, CARRIE, US
[72] WYDOTIS, LEONARD, US
[71] SIEMENS INDUSTRY, INC., US
[85] 2016-11-25
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[25] EN
[54] **METHOD OF JOINING TWO OBJECTS**
[54] **PROCEDE D'ASSEMBLAGE DE DEUX OBJETS**
[72] MAYER, JORG, CH
[72] LEHMANN, MARIO, CH
[72] TORRIANI, LAURENT, CH
[71] INTER IKEA SYSTEMS B.V., NL
[71] WOODWELDING AG, CH
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[25] EN
[54] **METHOD OF ANCHORING A FIRST OBJECT IN A SECOND OBJECT**
[54] **PROCEDE D'ANCRAGE D'UN PREMIER OBJET DANS UN SECOND OBJET**
[72] MAYER, JORG, CH
[72] LEHMANN, MARIO, CH
[72] KALL, HAKAN, SE
[72] SANKARAN, MUTHUMARIAPPAN, SE
[71] IKEA SUPPLY AG, CH
[71] WOODWELDING AG, CH
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[25] EN
[54] **CYCLONIC WIND ENERGY CONVERTER**
[54] **GENERATEUR DE CONVERSION CYCLONIQUE OU ANTICYCLONIQUE**
[72] GRACIA BOUTHELIER, MERCEDES, ES
[72] PRIETO SANTIAGO, FRANCISCO JAVIER, ES
[72] PRIETO GRACIA, FRANCISCO JAVIER, ES
[72] PRIETO GARCIA, IGNACIO, ES
[72] PRIETO GRACIA, DAVID, ES
[72] PRIETO GRACIA, MERCEDES, ES
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[25] EN
[54] **COMBUSTOR FOR GAS TURBINE ENGINE**
[54] **CHAMBRE DE COMBUSTION POUR TURBINE A GAZ**
[72] HORIKAWA, ATSUSHI, JP
[72] KAZARI, MASAHIDE, JP
[72] OKADA, KUNIO, JP
[72] KITAJIMA, JUNICHI, JP
[72] FUNKE, HARALD, DE
[72] KUSTERER, KARSTEN, DE
[72] AYED, ANIS HAJ, DE
[71] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP
[71] B&B AGEMA GMBH, DE
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[25] EN
[54] **VEHICLE COMBINATION WITH MULTIPLE DRIVEN VEHICLE MODULES**
[54] **RAME DE VEHICULES COMPRENANT PLUSIEURS MODULES DE VEHICULE ENTRAINES**
[72] MUGELE, ULRICH, DE
[71] SCHEUERLE FAHRZEUGFABRIK GMBH, DE
[85] 2016-11-29
[86] 2015-06-03 (PCT/EP2015/001132)
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[25] FR
[54] **METHOD AND SYSTEM FOR OPERATING AND MONITORING A WELL FOR EXTRACTING OR STORING FLUID**
[54] **PROCEDE ET SYSTEME D'EXPLOITATION ET DE SURVEILLANCE D'UN PUITS D'EXTRACTION OU DE STOCKAGE DE FLUIDE**
[72] DROUET, EMELINE, FR
[72] GORINTIN, LOUIS, FR
[71] ENGIE, FR
[85] 2016-11-29
[86] 2015-06-03 (PCT/FR2015/051469)
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[25] EN
[54] **METHOD FOR RECOVERING METALS FROM SECONDARY MATERIALS AND OTHER MATERIALS COMPRISING ORGANIC CONSTITUENTS**
[54] **PROCEDE DE RECUPERATION DE METAUX A PARTIR DE SUBSTANCES SECONDAIRES ET D'AUTRES MATERIAUX COMPRENANT DES COMPOSANTS ORGANIQUES**
[72] AYHAN, MEHMET, DE
[72] ESCHEN, MARCUS, DE
[71] AURUBIS AG, DE
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[54] **POLYMER COMPOSITION FILLED WITH AN INORGANIC FILLER MATERIAL MIXTURE**
[54] **COMPOSITION POLYMERE CHARGEE D'UN MELANGE DE SUBSTANCE INORGANIQUE DE CHARGE**
[72] BLANCHARD, PIERRE, FR
[72] FORNERA, TAZIO, CH
[71] OMYA INTERNATIONAL AG, CH
[85] 2016-11-29
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[25] EN
[54] **ANTI-JAMMING SYSTEM IN A HUMANOID-TYPE ROBOT**
[54] **SYSTEME ANTI COINCEMENT DANS UN ROBOT A CARACTERE HUMANOIDE**
[72] MUGNIER, FABIEN, FR
[72] CLERC, VINCENT, FR
[71] SOFTBANK ROBOTICS EUROPE, FR
[85] 2016-11-29
[86] 2015-06-03 (PCT/EP2015/062459)
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[54] **SAFETY OF A HUMANOID-TYPE ROBOT**
[54] **SECURITE D'UN ROBOT A CARACTERE HUMANOIDE**
[72] CLERC, VINCENT, FR
[71] SOFTBANK ROBOTICS EUROPE, FR
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[25] EN
[54] **SILYLATED POLYURETHANES**
[54] **POLYURETHANES SILYLES**
[72] HOLVOET, SERVAAS, BE
[72] PHANOPOULOS, CHRISTOPHER, BE
[72] DESESQUELLES, FABRICE, BE
[71] HUNTSMAN INTERNATIONAL LLC, US
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[25] EN
[54] **STABLE FORMULATIONS OF TESTOSTERONE UNDECANOATE**
[54] **FORMULATIONS STABLES D'UNDECANOATE DE TESTOSTERONE**
[72] SCHOONUS-GERRITSMA, GERRITDINA G., NL
[71] MERCK SHARP & DOHME B.V., NL
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[54] **CHROMOSOME REPRESENTATION DETERMINATIONS**
[54] **DETERMINATIONS DE REPRESENTATION DE CHROMOSOMES**
[72] ZHAO, CHEN, US
[72] DECIU, COSMIN, US
[71] SEQUENOM, INC., US
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[51] **Int.Cl. F25D 31/00 (2006.01) F25D 29/00 (2006.01)**
[25] EN
[54] **AN AUTOMATIC BEVERAGE COOLER AND A METHOD FOR COOLING BEVERAGES**
[54] **REFROIDISSEUR DE BOISSONS AUTOMATIQUE ET PROCEDE DE REFROIDISSEMENT DE BOISSONS**
[72] ARJONA ESTEVES, EDUARDO, BR
[71] AMBEV S/A., BR
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[25] EN
[54] **DETERGENTS FOR COLD-WATER CLEANING**
[54] **DETERGENTS POUR NETTOYAGE A L'EAU FROIDE**
[72] HOLLAND, BRIAN, US
[72] BERNHARDT, RANDAL J., US
[72] SAJIC, BRANKO, US
[72] TABOR, RICK, US
[71] STEPAN COMPANY, US
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[86] 2015-06-08 (PCT/US2015/034652)
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[25] EN
[54] **METHOD FOR TREATING CANCER USING A COMBINATION OF CHK1 AND ATR INHIBITORS**
[54] **METHODE DE TRAITEMENT ANTICANCEREUX UTILISANT UNE ASSOCIATION D'INHIBITEURS DE CHK1 ET D'ATR**
[72] HELLEDAY, THOMAS, SE
[72] SANJIV, KUMAR, SE
[71] VERTEX PHARMACEUTICALS INCORPORATED, US
[85] 2016-11-29
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[25] EN
[54] **METHOD FOR THE CONTINUOUS PRODUCTION OF STABLE PREPOLYMERS**
[54] **PROCEDE DE FABRICATION EN CONTINU DE PREPOLYMERES STABLES**
[72] SANDERS, JOSEF, DE
[72] HECKING, ANDREAS, DE
[72] WOUDENBERG, GERRIT, DE
[72] BUCHHOLZ, SIGURD, DE
[72] HAHN, CHRISTIAN JOACHIM, DE
[72] TRACHT, URSULA, DE
[71] COVESTRO DEUTSCHLAND AG, DE
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[72] REMFRY, LEIGH, GB
[71] REMFRY, LEIGH, GB
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[86] 2015-06-02 (PCT/GB2015/051611)
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[25] EN
[54] **DYNAMIC POWER RAIL CONTROL FOR CLUSTERS OF LOADS**
[54] **COMMANDE DE RAILS DE PUISSANCE DYNAMIQUE POUR AGREGATS DE CHARGES**
[72] PARK, HEE JUN, US
[72] PAN, YUANCHENG CHRISTOPHER, US
[72] CHUN, CHRISTOPHER KONG YEE, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-11-30
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[25] EN
[54] **TOPICAL LIGHTENING COMPOSITION AND METHODS OF USE THEREOF**
[54] **COMPOSITION D'ECLAIRCISSEMENT TOPIQUE ET SES PROCEDES D'UTILISATION**
[72] SANTHANAM, UMA, US
[71] AVON PRODUCTS, INC., US
[85] 2016-11-30
[86] 2015-05-27 (PCT/US2015/032566)
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[30] US (62/006,467) 2014-06-02

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[51] **Int.Cl. A61N 1/36 (2006.01) A61N 1/05 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IMPLANTING ELECTRODE LEADS FOR USE WITH IMPLANTABLE NEUROMUSCULAR ELECTRICAL STIMULATOR**
[54] **SYSTEMES ET PROCEDES POUR IMPLANTER DES FILS D'ELECTRODE DESTINES A ETRE UTILISES AVEC UN STIMULATEUR ELECTRIQUE NEUROMUSCULAIRE IMPLANTABLE**
[72] RAWAT, PRASHANT BRIJMOHANSINGH, US
[72] DEMORETT, HENRY THOMAS, US
[72] SHIROFF, JASON ALAN, US
[71] MAINSTAY MEDICAL LIMITED, IE
[85] 2016-11-30
[86] 2015-05-27 (PCT/US2015/032732)
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[25] EN
[54] **METHOD OF TREATING HAIR WITH A CONCENTRATED CONDITIONER**
[54] **PROCEDE DE TRAITEMENT DE CHEVEUX AVEC UN APRES-SHAMPOOING CONCENTRE**
[72] GLENN, ROBERT WAYNE JR., US
[72] KAUFMAN, KATHLEEN MARY, US
[72] HOSSEINPOUR, DARIUSH, US
[71] THE PROCTOR & GAMBLE COMPANY, US
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[30] US (62/012,614) 2014-06-16

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[25] EN
[54] **CURAUA FIBERS AS LOST-CIRCULATION MATERIALS AND FLUID-LOSS ADDITIVES IN WELLBORE FLUIDS**
[54] **FIBRES DE CURAUA EN TANT QUE MATERIAUX DE PERTES DE CIRCULATION ET ADDITIFS DE PERTE DE FLUIDE DANS DES FLUIDES DE PUITS DE FORAGE**
[72] PADUA OLIVEIRA, ELIANE, BR
[72] LUZARDO, JUAN PABLO, BR
[72] GIANOGLIO PANTANO, IOANA AGUSTINA, BR
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-11-30
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[30] US (62/039,338) 2014-08-19

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[54] **DISHWASHER DETERGENT FRAGRANCE COMPOSITION**
[54] **COMPOSITION DE PARFUM DE DETERGENT POUR LAVE-VAISSELLE**
[72] BLONDEAU, PHILIPPE, FR
[72] BRESSON BOIL, ALICE, FR
[72] MOUTTE, MAXENCE, FR
[72] QUELLET, CHRISTIAN, CH
[71] GIVAUDAN SA, CH
[85] 2016-12-01
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[30] EP (14290167.7) 2014-06-10

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[13] A1
[51] **Int.Cl. A01N 43/16 (2006.01) A01P 11/00 (2006.01) A01P 19/00 (2006.01)**
[25] FR
[54] **COMPOSITION COMPRISING BROMADIOLONE, RODENTICIDE BAIT, AND METHOD FOR CONTROLLING TARGET RODENT PESTS**
[54] **COMPOSITION COMPRENANT DE LA BROMADIOLONE, APPAT RODONTICIDE ET PROCEDE DE LUTTE CONTRE DES RONGEURS CIBLES NUISIBLES**
[72] CARUEL, HERVE, FR
[72] ESPANA, BERNADETTE, FR
[72] BESSE, STEPHANE, FR
[72] LATTARD, VIRGINIE, FR
[72] BENOIT, ETIENNE, FR
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[54] **APPARATUS AND METHODS FOR IMPLEMENTING CHANGED MONITORING CONDITIONS AND/OR REQUIREMENTS USING DYNAMICALLY-MODIFIABLE CONTROL LOGIC**
[54] **APPAREIL ET PROCEDES POUR LA MISE EN □UVRE DE CONDITIONS DE SURVEILLANCE ET/OU D'EXIGENCES MODIFIEES AU MOYEN D'UNE LOGIQUE DE CONTROLE MODIFIABLE DYNAMIQUEMENT**
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[72] IBARRA, DOMINIQUE, FR
[72] JAILLET, MARIE, FR
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[72] HE, MOLLY, US
[72] CHEN, CHENG-YAO, US
[72] PREVITE, MICHAEL, US
[72] BOWEN, SHANE, US
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[54] **DISPOSITIF D'HYGIENE PERSONNELLE AYANT UN MOTEUR RESONANT**
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[72] KUCHLER, KERVIN, DE
[72] KLEMM, TORSTEN, DE
[72] STRATMANN, MARTIN, DE
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[54] **APPAREIL DE PRISE DE VUES A RESEAU OPTIQUE REPLIE UTILISANT DES PRISMES DE REFRACTION**
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[71] QUALCOMM INCORPORATED, US
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[54] **ROULEMENT DE CREDITS DE RESSOURCE POUR LA PLANIFICATION DE RESSOURCES INFORMATIQUES VIRTUELLES**
[72] PHILLIPS, JOHN MERRILL, US
[72] EARL, WILLIAM JOHN, US
[72] SINGH, DEEPAK, US
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[71] AMAZON TECHNOLOGIES, INC., US
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[54] **PROCEDE DE PRODUCTION D'UN COMPOSITE COMPRENANT UNE COUCHE DE SUPRACONDUCTEUR A HAUTE TEMPERATURE (HTS)**
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[72] THIEMS, OLIVER, DE
[72] BACKER, MICHAEL, DE
[71] BASF SE, DE
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[54] **SYSTEME COMMANDE ET PROCEDES POUR LA PROTECTION DE MARCHANDISES CONTRE L'INCENDIE**
[72] MAGNONE, ZACHARY L., US
[72] FARLEY, DANIEL G., US
[72] GOYETTE, CHAD ALBERT, US
[72] DESROSIER, JOHN, US
[72] BRIGHENTI, DONALD D., US
[72] ABELS, BERNHARD, US
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[54] **EVITEMENT D'OBJETS POUR VEHICULES AERIENS AUTOMATISES**
[72] NAVOT, AMIR, US
[72] KIMCHI, GUR, US
[72] BECKMAN, BRIAN C., US
[72] SCHAFFALITZKY, FREDERIK, US
[72] BUCHMUELLER, DANIEL, US
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[54] **SYSTEME DE REPONSE D'URGENCE PERSONNEL DOTE D'EVALUATION PREDICTIVE DES RISQUES DE REPARTITION DES URGENCES**
[72] PAUWS, STEFFEN CLARENCE, NL
[72] NASSABI, MOHAMMAD HOSSEIN, NL
[72] SCHERTZER, LINDA, NL
[72] SMITS, TINE, NL
[72] OP DEN BUIJS, JORN, NL
[72] VAN DEURSEN, PATRICK WILLIAM, NL
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[54] **METHOD FOR SEGMENTING AND PREDICTING TISSUE REGIONS IN PATIENTS WITH ACUTE CEREBRAL ISCHEMIA**
[54] **PROCEDE DE SEGMENTATION ET DE PREDICTION DE REGIONS DE TISSU CHEZ DES PATIENTS ATTEINTS D'ISCHEMIE CEREBRALE AIGUE**
[72] BAUER, STEFAN, CH
[72] REYES, MAURICIO, CH
[72] WIEST, ROLAND, CH
[71] UNIVERSITAT BERN, CH
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[54] **SELECTION DE VIGNETTES POUR DES SEGMENTS VIDEO**
[72] FONSECA, BENEDITO J., JR., US
[72] ISHTIAQ, FAISAL, US
[72] LI, RENXIANG, US
[72] EMEOTT, STEPHEN P., US
[72] SMITH, ALFONSO MARTINEZ, US
[72] BRASKICH, ANTHONY J., US
[71] ARRIS ENTERPRISES LLC, US
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[54] **DETECTION DE SEGMENTS DE DELIMITATION DANS UNE VIDEO**
[72] LI, RENXIANG, US
[72] ISHTIAQ, FAISAL, US
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[54] **PERFECTIONNEMENTS APPORTES OU SE RAPPORTANT A L'AFFICHAGE D'IMAGES**
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[72] ROBERT, WANAT, PL
[71] BANGOR UNIVERSITY, GB
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[54] **PLATEFORME D'INTERCONNEXION POUR UNE CONFIGURATION ET UNE GESTION EN TEMPS REEL D'UN ECHANGE DE SERVICES EN NUAGE**
[72] KUMAR, PARVEEN, US
[72] MAHESHWARI, GAGAN, US
[72] JEYAPAUL, JAGANATHAN, US
[72] LILLIE, BRIAN J., US
[71] EQUINIX, INC., US
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[54] **SYSTEME D'ALIMENTATION ELECTRIQUE SECONDAIRE REDONDANTE**
[72] KAPLAN, FARAN HAROLD, US
[71] AMAZON TECHNOLOGIES, INC., US
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[54] **PROCEDE ET SYSTEME DE CONTROLE D'ACCES AUX VEHICULES**
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[71] INVENTIO AG, CH
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[54] **OUTIL DE FOND DE TROU ET PROCEDE**
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[72] SCOTT, EDWARD DOCHERTY, GB
[72] WARDLE, MAGNUS JOHN, GB
[71] DEEP CASING TOOLS LIMITED, GB
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[54] **ARCHITECTURE DE GESTION DE DONNEES D'ENTREE**
[72] JAIN, KRITARTH, US
[72] KOZLOWSKI, MICHAL MAREK, US
[72] SANDIGE, MICHAEL LEE, US
[72] LEONARD, ANDREW BARTLETT, US
[72] SAVASTINUK, PAUL, US
[72] ROESSLER, ROSS DAVID, US
[72] HELLER, GEOFFREY SCOTT, US
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[25] EN
[54] **COMPUTER-IMPLEMENTED TOOLS AND METHODS FOR EXTRACTING INFORMATION ABOUT THE STRUCTURE OF A LARGE COMPUTER SOFTWARE SYSTEM, EXPLORING ITS STRUCTURE, DISCOVERING PROBLEMS IN ITS DESIGN, AND ENABLING REFACTORING**
[54] **OUTILS ET PROCEDES MIS EN OEUVRE PAR ORDINATEUR PERMETTANT D'EXTRAIRE DES INFORMATIONS CONCERNANT LA STRUCTURE D'UN GRAND SYSTEME LOGICIEL INFORMATIQUE, D'EXPLORER SA STRUCTURE, D' IDENTIFIER DES PROBLEMES DANS SA CONCEPTION ET D'EFFECTUER UNE REFACTORISATION**
[72] STURTEVANT, DANIEL J., US
[71] SILVERTHREAD, INC., US
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[54] **SYSTEMES ET PROCEDES POUR COPIE INTRABLOC**
[72] PANG, CHAO, US
[72] RAPAKA, KRISHNAKANTH, US
[72] LI, XIANG, US
[72] SOLE ROJALS, JOEL, US
[72] HSIEH, CHENG-TEH, US
[72] KARCZEWICZ, MARTA, US
[71] QUALCOMM INCORPORATED, US
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[54] **CODAGE DE SIGNAL DE BANDE HAUTE AU MOYEN DE GAMMES DE FREQUENCES NON ASSORTIES**
[72] ATTI, VENKATRAMAN S., US
[72] KRISHNAN, VENKATESH, US
[71] QUALCOMM INCORPORATED, US
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[54] **DIRECT STREAMING FOR WIRELESS DISPLAY**
[54] **DIFFUSION EN CONTINU DIRECTE POUR AFFICHAGE SANS FIL**
[72] KARUNAKARAN, SANAL KUMAR, US
[72] AGRAWAL, SANJAY KUMAR, US
[72] GORREPATI, SATEESH NAIDU, US
[72] GUPTA, DEVRAJ GAJRAJ, US
[71] QUALCOMM INCORPORATED, US
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[54] **TRANSDUCTEUR A CELLULES MULTIPLES**
[72] SAVOIA, ALESSANDRO STUART, IT
[72] CALIANO, GIOSUE, IT
[72] MELAMUD, ALEXANDER, IL
[72] TAMMAM, ERIC S., IL
[71] MICROTECH MEDICAL TECHNOLOGIES LTD., IL
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[25] EN
[54] **REDUCING CORRELATION BETWEEN HIGHER ORDER AMBISONIC (HOA) BACKGROUND CHANNELS**
[54] **REDUCTION DE LA CORRELATION ENTRE CANAUX DE FOND AMBIOPHONIQUES D'ORDRE SUPERIEUR (HOA)**
[72] PETERS, NILS GUNTHER, US
[72] SEN, DIPANJAN, US
[72] MORRELL, MARTIN JAMES, US
[71] QUALCOMM INCORPORATED, US
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[30] US (62/020,348) 2014-07-02
[30] US (62/060,512) 2014-10-06
[30] US (14/789,961) 2015-07-01

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[54] **RECOVERY POINT SEI MESSAGE IN MULTI-LAYER VIDEO CODECS**
[54] **MESSAGE SEI DE POINT DE RECUPERATION DANS DES CODECS VIDEO MULTICOUCHES**
[72] HENDRY, FNU, US
[72] RAMASUBRAMONIAN, ADARSH KRISHNAN, US
[72] WANG, YE-KUI, US
[71] QUALCOMM INCORPORATED, US
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[25] EN
[54] **BITSTREAM CONFORMANCE CONSTRAINTS IN SCALABLE VIDEO CODING**
[54] **CONTRAINTES DE CONFORMITE DE TRAIN DE BITS DANS UN CODAGE VIDEO EVOLUTIF**
[72] RAMASUBRAMONIAN, ADARSH KRISHNAN, US
[72] WANG, YE-KUI, US
[71] QUALCOMM INCORPORATED, US
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[54] **OBTURATEUR POUR SPECTROMETRE DE MOBILITE IONIQUE**
[72] MITKO, SERGEJ VASILJEVITSJ, NL
[71] EYE ON AIR B.V., NL
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[54] **BUTTERFLY CHANNELIZER**
[54] **CANALISEUR A PAPILLON**
[72] MARR, HARRY B., US
[72] THOMPSON, DANIEL, US
[71] RAYTHEON COMPANY, US
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[51] **Int.Cl. H04W 28/04 (2009.01) H04L 1/02 (2006.01) H04L 1/08 (2006.01)**
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[54] **RATE CONTROL FOR WIRELESS COMMUNICATION**
[54] **CONTROLE DE DEBIT POUR DES COMMUNICATIONS SANS FIL**
[72] SORIAGA, JOSEPH BINAMIRA, US
[72] HE, LINHAI, US
[72] ATTAR, RASHID AHMED AKBAR, US
[71] QUALCOMM INCORPORATED, US
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[51] **Int.Cl. G03B 13/32 (2006.01) G03B 13/36 (2006.01) H04N 5/335 (2011.01)**
[25] EN
[54] **AUTOFOCUS FOR FOLDED OPTIC ARRAY CAMERAS**
[54] **MISE AU POINT AUTOMATIQUE POUR DES APPAREILS DE PRISE DE VUES A RESEAU OPTIQUE REPLIE**
[72] GEORGIEV, TODOR GEORGIEV, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-12-14
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[30] US (62/015,333) 2014-06-20
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[51] **Int.Cl. H04N 19/70 (2014.01) H04N 19/186 (2014.01) H04N 19/30 (2014.01) H04N 19/46 (2014.01)**
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[54] **REPRESENTATION FORMAT UPDATE IN MULTI-LAYER CODECS**
[54] **MISE A JOUR DE FORMAT DE REPRESENTATION DANS DES CODECS MULTI-COUCHES**
[72] HENDRY, FNU, US
[72] RAMASUBRAMONIAN, ADARSH KRISHNAN, US
[72] WANG, YE-KUI, US
[71] QUALCOMM INCORPORATED, US
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[54] **TEMPORAL MOTION VECTOR PREDICTION (TMVP) INDICATION IN MULTI-LAYER CODECS**
[54] **INDICATION DE PREDICTION DE VECTEUR DE MOUVEMENT TEMPORELLE (TMVP) DANS DES CODECS MULTICOUCHES**
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[72] RAMASUBRAMONIAN, ADARSH KRISHNAN, US
[72] WANG, YE-KUI, US
[71] QUALCOMM INCORPORATED, US
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[54] **ADAPTIVE TRAFFIC SIGNAL PREEMPTION**
[54] **TRAITEMENT DE PRIORITE ADAPTATIF POUR FEUX DE CIRCULATION**
[72] EICHHORST, KEVIN CLARE, US
[71] GLOBAL TRAFFIC TECHNOLOGIES, LLC, US
[85] 2016-12-14
[86] 2015-06-19 (PCT/US2015/036574)
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[25] EN
[54] **IMPROVED VIDEO CODING USING END OF SEQUENCE NETWORK ABSTRACTION LAYER UNITS**
[54] **CODAGE VIDEO AMELIORE UTILISANT DES UNITES DE COUCHE D'ABSTRACTION DE RESEAU DE FIN DE SEQUENCE**
[72] RAMASUBRAMONIAN, ADARSH KRISHNAN, US
[72] HENDRY, FNU, US
[72] WANG, YE-KUI, US
[71] QUALCOMM INCORPORATED, US
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[54] **SYSTEMS AND METHODS FOR INTRA-BLOCK COPY**
[54] **SYSTEMES ET PROCEDES POUR COPIE INTRABLOC**
[72] PANG, CHAO, US
[72] RAPAKA, KRISHNAKANTH, US
[72] LI, XIANG, US
[72] SOLE ROJALS, JOEL, US
[72] HSIEH, CHENG-TEH, US
[72] KARCZEWICZ, MARTA, US
[71] QUALCOMM INCORPORATED, US
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[30] US (62/154,399) 2015-04-29
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[25] EN
[54] **SYSTEMS AND METHODS FOR SIGNALING INFORMATION FOR LAYER SETS IN A PARAMETER SET**
[54] **SYSTEMES ET PROCEDES POUR SIGNALER DES INFORMATIONS POUR DES ENSEMBLES DE COUCHES DANS UN ENSEMBLE DE PARAMETRES**
[72] WANG, YE-KUI, US
[72] HENDRY, FNU, US
[72] RAMASUBRAMONIAN, ADARSH KRISHNAN, US
[71] QUALCOMM INCORPORATED, US
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[54] **SYSTEMS AND METHODS FOR SIGNALING HYPOTHETICAL REFERENCE DECODER PARAMETERS IN A PARAMETER SET**
[54] **SYSTEMES ET PROCEDES POUR SIGNALER DES PARAMETRES DE DECODEUR DE REFERENCE HYPOTHETIQUES DANS UN ENSEMBLE DE PARAMETRES**
[72] WANG, YE-KUI, US
[72] HENDRY, FNU, US
[72] RAMASUBRAMONIAN, ADARSH KRISHNAN, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-12-14
[86] 2015-06-19 (PCT/US2015/036613)
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[30] US (62/015,285) 2014-06-20
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[51] **Int.Cl. H04N 19/70 (2014.01) H04N 19/30 (2014.01) H04N 19/463 (2014.01)**
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[54] **SYSTEMS AND METHODS FOR SELECTIVELY SIGNALING DIFFERENT NUMBERS OF VIDEO SIGNAL INFORMATION SYNTAX STRUCTURES IN A PARAMETER SET**
[54] **SYSTEMES ET PROCEDES POUR SIGNALER DE FACON SELECTIVE DIFFERENTS NOMBRES DE STRUCTURES DE SYNTAXE D'INFORMATIONS DE SIGNAL VIDEO DANS UN ENSEMBLE DE PARAMETRES**
[72] WANG, YE-KUI, US
[72] HENDRY, FNU, US
[72] RAMASUBRAMONIAN, ADARSH KRISHNAN, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-12-14
[86] 2015-06-19 (PCT/US2015/0366'5)
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[51] **Int.Cl. G03B 37/00 (2006.01) H04N 5/335 (2011.01)**
[25] EN
[54] **PARALLAX FREE THIN MULTI-CAMERA SYSTEM CAPABLE OF CAPTURING FULL WIDE FIELD OF VIEW IMAGES**
[54] **SYSTEME A APPAREILS PHOTOS MULTIPLES MINCES SANS PARALLAXE PERMETTANT DE CAPTURER DES IMAGES A GRAND CHAMP DE VISION COMPLET**
[72] OSBORNE, THOMAS WESLEY, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-12-14
[86] 2015-06-19 (PCT/US2015/036648)
[87] (WO2015/196050)
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[51] **Int.Cl. H04W 74/04 (2009.01)**
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[54] **SYSTEMS AND METHODS FOR IMPROVED PROTECTION MODES IN HIGH-EFFICIENCY WIRELESS NETWORKS**
[54] **SYSTEMES ET PROCEDES POUR DES MODES DE PROTECTION AMELIORES DANS DES RESEAUX SANS FIL DE HAUTE EFFICACITE**
[72] TIAN, BIN, US
[72] MERLIN, SIMONE, US
[72] BARRIAC, GWENDOLYN DENISE, US
[71] QUALCOMM INCORPORATED, US
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[25] EN
[54] **BITSTREAM CONFORMANCE CONSTRAINTS IN SCALABLE VIDEO CODING**
[54] **CONTRAINTES DE CONFORMITE D'UN TRAIN DE BITS DANS UN CODAGE VIDEO EXTENSIBLE**
[72] RAMASUBRAMONIAN, ADARSH KRISHNAN, US
[72] WANG, YE-KUI, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-12-14
[86] 2015-06-25 (PCT/US2015/037718)
[87] (WO2015/200652)
[30] US (62/017,742) 2014-06-26
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[25] EN
[54] **PARTITION SCHEDULING BASED ON BEAMTRACKING**
[54] **ORDONNANCEMENT DE PARTITIONS BASE SUR LE SUIVI DE FAISCEAUX**
[72] ZHANG, ZHENLIANG, US
[72] SUBRAMANIAN, SUNDAR, US
[72] SAMPATH, ASHWIN, US
[72] LI, JUNYI, US
[71] QUALCOMM INCORPORATED, US
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[51] **Int.Cl. G02B 6/04 (2006.01) C08L 23/08 (2006.01) G02B 6/44 (2006.01)**
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[54] **LOOSE-TUBE FIBER OPTIC CABLES**
[54] **CABLES A FIBRE OPTIQUE A TUBES LACHES**
[72] BACA, ADRA SMITH, US
[72] WILLIAMSON, BRANDON ROBERT, US
[71] CORNING OPTICAL COMMUNICATIONS LLC, US
[85] 2016-12-15
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[51] **Int.Cl. H04N 19/70 (2014.01) H04N 19/102 (2014.01) H04N 19/169 (2014.01) H04N 19/30 (2014.01)**
[25] EN
[54] **CONFORMANCE AND INOPERABILITY IMPROVEMENTS IN MULTI-LAYER VIDEO CODING**
[54] **AMELIORATIONS APPORTEES A LA CONFORMITE ET A LA NON-EXPLOITABILITE DANS UN CODAGE VIDEO MULTI-COUCHE**
[72] WANG, YE-KUI, US
[71] QUALCOMM INCORPORATED, US
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[86] 2015-06-15 (PCT/US2015/035853)
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[25] EN
[54] **PARALLAX FREE MULTI-CAMERA SYSTEM CAPABLE OF CAPTURING FULL SPHERICAL IMAGES**
[54] **SYSTEME A CAMERAS MULTIPLES SANS PARALLAXE CAPABLE DE CAPTURER DES IMAGES SPHERIQUES ENTIERES**
[72] OSBORNE, THOMAS WESLEY, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-12-15
[86] 2015-06-19 (PCT/US2015/036710)
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[54] **METHOD FOR PALETTE MODE CODING**
[54] **PROCEDE DE CODAGE EN MODE PALETTE**
[72] PU, WEI, US
[72] JOSHI, RAJAN LAXMAN, US
[72] CHEN, JIANLE, US
[72] KARCZEWICZ, MARTA, US
[72] HSIEH, CHENG-TEH, US
[72] ZOU, FENG, US
[72] SOLE ROJALS, JOEL, US
[71] QUALCOMM INCORPORATED, US
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[30] US (14/754,577) 2015-06-29

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[25] EN
[54] **ULTRA RELIABLE LINK DESIGN**
[54] **CONCEPTION DE LIAISON ULTRA FIABLE**
[72] JI, TINGFANG, US
[72] SMEE, JOHN EDWARD, US
[72] SORIAGA, JOSEPH, US
[72] BHUSHAN, NAGA, US
[72] AZARIAN YAZDI, KAMBIZ, US
[72] MUKKAVILLI, KRISHNA KIRAN, US
[72] GOROKHOV, ALEXEI YURIEVITCH, US
[72] GAAL, PETER, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-12-15
[86] 2015-07-15 (PCT/US2015/040487)
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[30] US (62/027,623) 2014-07-22
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[51] **Int.Cl. H04W 24/10 (2009.01)**
[25] EN
[54] **ULTRA RELIABLE LINK DESIGN**
[54] **CONCEPTION DE LIAISON ULTRA FIABLE**
[72] JI, TINGFANG, US
[72] SMEE, JOHN EDWARD, US
[72] SORIAGA, JOSEPH, US
[72] BHUSHAN, NAGA, US
[72] AZARIAN YAZDI, KAMBIZ, US
[72] MUKKAVILLI, KRISHNA KIRAN, US
[72] GOROKHOV, ALEXEI YURIEVITCH, US
[72] GAAL, PETER, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-12-15
[86] 2015-07-15 (PCT/US2015/040488)
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[30] US (62/027,623) 2014-07-22
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[51] **Int.Cl. H04W 74/02 (2009.01) H04W 72/12 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR REDUCING SELF-JAMMING OF TRANSMISSIONS ON ADJACENT CARRIERS**
[54] **PROCEDE ET APPAREIL DE REDUCTION D'AUTO-BROUILLAGE DE TRANSMISSIONS SUR DES PORTEUSES ADJACENTES**
[72] YERRAMALLI, SRINIVAS, US
[72] LUO, TAO, US
[72] SOMASUNDARAM, KIRAN KUMAR, US
[72] MALLADI, DURGA PRASAD, US
[72] BHUSHAN, NAGA, US
[72] WEI, YONGBIN, US
[72] DAMNJANOVIC, ALEKSANDAR, US
[72] CHEN, WANSHI, US
[72] ZHANG, XIAOXIA, US
[72] XU, HAO, US
[72] SUKHAVASI, RAVI TEJA, US
[71] QUALCOMM INCORPORATED, US
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[51] **Int.Cl. H04L 1/22 (2006.01) H04L 1/00 (2006.01) H04L 29/02 (2006.01)**
[25] EN
[54] **OFFSET SELECTION FOR ERROR CORRECTION DATA**
[54] **SELECTION DE DECALAGE POUR DES DONNEES DE CORRECTION D'ERREUR**
[72] SUBASINGHA, SUBASINGHA SHAMINDA, US
[72] KRISHNAN, VENKATESH, US
[72] RAJENDRAN, VIVEK, US
[72] ATTI, VENKATRAMAN S., US
[72] POLISETTY, CHANDRA MOULI, US
[71] QUALCOMM INCORPORATED, US
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[86] 2015-06-25 (PCT/US2015/037789)
[87] (WO2016/014211)
[30] US (62/027,595) 2014-07-22
[30] US (62/042,013) 2014-08-26
[30] US (14/749,474) 2015-06-24

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[51] **Int.Cl. H04N 5/76 (2006.01) H04N 21/4147 (2011.01) H04N 21/431 (2011.01) H04N 21/472 (2011.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR TIMING THE RECORDING AND PLAYBACK OF TELEVISION PROGRAMMING**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE TEMPORISER L'ENREGISTREMENT ET LA LECTURE D'UNE PROGRAMMATION DE TELEVISION**
[72] ROBINSON, DAVID, GB
[71] ECHOSTAR UK HOLDINGS LIMITED, GB
[85] 2016-12-16
[86] 2015-07-07 (PCT/GB2015/051969)
[87] (WO2016/005739)
[30] US (14/326,022) 2014-07-08

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[25] EN
[54] **DEPTH PICTURE CODING METHOD AND DEVICE IN VIDEO CODING**
[54] **PROCEDE ET DISPOSITIF DE CODAGE D'IMAGE DE PROFONDEUR EN CODAGE VIDEO**
[72] NAM, JUNGHAK, KR
[72] YEA, SEHOON, KR
[72] SEO, JUNGDONG, KR
[72] YOO, SUNMI, KR
[71] LG ELECTRONICS INC., KR
[85] 2016-12-16
[86] 2015-09-25 (PCT/KR2015/010142)
[87] (WO2016/056782)
[30] US (62/061,150) 2014-10-08

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[13] A1
[51] **Int.Cl. H04W 24/10 (2009.01)**
[25] EN
[54] **METHOD FOR COLLECTING AND AGGREGATING NETWORK QUALITY DATA**
[54] **PROCEDE POUR COLLECTER ET REGROUPER DES DONNEES DE QUALITE DE RESEAU**
[72] CHU, MELODIE, US
[72] BRUNSMAN, LAWRENCE JONATHAN, US
[72] SONNTAG, CHRISTIAN, US
[72] WILLIAMMEE, BRIAN CLAIR, US
[72] WILLIAMS, TYLER, US
[71] GOOGLE INC., US
[85] 2016-12-16
[86] 2015-05-14 (PCT/US2015/030775)
[87] (WO2015/195235)
[30] US (14/308,341) 2014-06-18

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[51] **Int.Cl. H04N 19/70 (2014.01) H04N 19/30 (2014.01) H04N 19/40 (2014.01)**
[25] EN
[54] **MULTI-LAYER VIDEO CODING**
[54] **CODAGE VIDEO MULTICOUCHE**
[72] WANG, YE-KUI, US
[72] HENDRY, FNU, US
[72] RAMASUBRAMONIAN, ADARSH KRISHNAN, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-12-16
[86] 2015-06-25 (PCT/US2015/037744)
[87] (WO2015/200666)
[30] US (62/017,120) 2014-06-25
[30] US (14/749,526) 2015-06-24

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[51] **Int.Cl. H04N 19/117 (2014.01) H04N 19/137 (2014.01) H04N 19/14 (2014.01) H04N 19/182 (2014.01) H04N 19/80 (2014.01)**
[25] EN
[54] **A METHOD FOR USING A DECODER OR LOOK-AHEAD ENCODER TO CONTROL AN ADAPTIVE PRE-FILTER**
[54] **PROCEDE D'UTILISATION D'UN DECODEUR OU D'UN ENCODEUR A PRE-ANALYSE POUR COMMANDER UN PRE-FILTRE ADAPTATIF**
[72] MICHELSEN, WAYNE D., US
[71] ARRIS ENTERPRISES LLC, US
[85] 2016-12-16
[86] 2015-06-25 (PCT/US2015/037832)
[87] (WO2015/200727)
[30] US (62/016,970) 2014-06-25
[30] US (14/751,002) 2015-06-25

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[54] **CODAGE VIDEO MULTI-COUCHE**
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[72] HENDRY, FNU, US
[72] RAMASUBRAMONIAN, ADARSH KRISHNAN, US
[71] QUALCOMM INCORPORATED, US
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[54] **CODAGE VIDEO MULTICOUCHE**
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[72] HENDRY, FNU, US
[72] RAMASUBRAMONIAN, ADARSH KRISHNAN, US
[71] QUALCOMM INCORPORATED, US
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[54] **CONCEPTION DE LIAISON ULTRA-FIABLE**
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[72] SMEE, JOHN EDWARD, US
[72] SORIAGA, JOSEPH, US
[72] BHUSHAN, NAGA, US
[72] AZARIAN YAZDI, KAMBIZ, US
[72] MUKKAVILLI, KRISHNA KIRAN, US
[72] GOROKHOV, ALEXEI YURIEVITCH, US
[72] GAAL, PETER, US
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[54] **APPELS D'URGENCE INITIES PAR VEHICULE**
[72] GELLENS, RANDALL COLEMAN, US
[71] QUALCOMM INCORPORATED, US
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[54] **TEXT RULE BASED MULTI-ACCENT SPEECH RECOGNITION WITH SINGLE ACOUSTIC MODEL AND AUTOMATIC ACCENT DETECTION**
[54] **RECONNAISSANCE DE PAROLE MULTI-ACCENTS BASEE SUR DES REGLES DE TEXTE AVEC MODELE ACOUSTIQUE UNIQUE ET DETECTION D'ACCENT AUTOMATIQUE**
[72] PASHINE, RAJAT, IN
[71] HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED, US
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[54] **ASIC INTEGRE A SIGNAUX MIXTES AVEC ADC, DAC ET DSP**
[72] BUEHLER, ERIK, US
[72] VAN BUREN, DAMON, US
[72] RUTT, PAUL, US
[71] SEAKR ENGINEERING, INC., US
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[54] **TRANSMISSION OF UPLINK CONTROL CHANNELS OVER AN UNLICENSED RADIO FREQUENCY SPECTRUM BAND**
[54] **EMISSION DE CANAUX DE COMMANDE EN LIAISON MONTANTE SUR UNE BANDE DE SPECTRE DE FREQUENCES RADIO NON COUVERTE PAR DES LICENCES**
[72] MALLADI, DURGA PRASAD, US
[72] WEI, YONGBIN, US
[72] CHEN, WANSHI, US
[72] GAAL, PETER, US
[72] LUO, TAO, US
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[54] **APPLICATION FRAMEWORK FOR INTERACTIVE LIGHT SENSOR NETWORKS**
[54] **OSSATURE D'APPLICATION POUR DES RESEAUX DE CAPTEURS DE LUMIERE INTERACTIFS**
[72] BARNARD, CHRIS, US
[72] RYHORCHUK, KENT W., US
[71] SENSITY SYSTEMS INC., US
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[54] **DRAIN AND VACUUM PUMP FOR INTRAUTERINE VACUUM THERAPY**
[54] **DRAINAGE ET POMPE A DEPRESSION POUR UNE THERAPIE INTRA-UTERINE PAR DEPRESSION**
[72] LOSKE, GUNNAR, DE
[71] LOHMANN & RAUSCHER GMBH & CO. KG, DE
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[54] **VALUE RANGES FOR SYNTAX ELEMENTS IN VIDEO CODING**
[54] **PLAGES DE VALEUR POUR DES ELEMENTS DE SYNTAXE DANS UN CODAGE VIDEO**
[72] WANG, YE-KUI, US
[72] RAMASUBRAMONIAN, ADARSH KRISHNAN, US
[72] HENDRY, FNU, US
[71] QUALCOMM INCORPORATED, US
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[54] **SYSTEM, METHOD AND APPARATUS FOR ORGANIZING PHOTOGRAPHS STORED ON A MOBILE COMPUTING DEVICE**
[54] **SYSTEME, PROCEDE ET APPAREIL D'ORGANISATION DE PHOTOGRAPHIES MEMORISEES SUR UN DISPOSITIF INFORMATIQUE MOBILE**
[72] WANG, MENG, US
[72] CHEN, YUSHAN, US
[71] AMAZON TECHNOLOGIES, INC., US
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[25] EN
[54] **METHOD, MOBILE COMMUNICATIONS DEVICE, SYSTEM AND CIRCUITRY FOR ESTIMATING AN OCCUPANCY LEVEL OF A SHARED CHANNEL**
[54] **PROCEDE, DISPOSITIF DE COMMUNICATION MOBILE, SYSTEME ET CIRCUITERIE POUR ESTIMER UN TAUX D'OCCUPATION D'UN CANAL PARTAGE**
[72] MARTIN, BRIAN ALEXANDER, GB
[72] WAKABAYASHI, HIDEJI, GB
[72] BEALE, MARTIN WARWICK, GB
[71] SONY CORPORATION, JP
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[54] **SYSTEM, METHOD AND APPARATUS FOR PROVIDING ENROLLMENT OF DEVICES IN A NETWORK**
[54] **SYSTEME, PROCEDE ET APPAREIL POUR PERMETTRE L'INSCRIPTION DE DISPOSITIFS DANS UN RESEAU**
[72] MOSES, TIMOTHY EDWARD, US
[71] ENTRUST, INC., US
[85] 2016-12-20
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[54] **RESEAU DE CHAUFFAGE AERIEN A RESISTANCE ELECTIQUE**
[72] TOLMACHEVA, ELENA, DE
[72] TOLMACHEV, ALEXANDER, DE
[72] TSARKOV, ALEKSEJ NIKOLOLAJEWITSCH, RU
[72] SITNIKOV, PIOTR FJODOROWITSCH, RU
[71] HEIZTEX GMBH, DE
[71] INSTITUTE OF ENGINEERING PHYSICS, RU
[71] ARKON VS CORP., CA
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[54] **N□UD ET PROCEDE POUR METTRE EN MEMOIRE TAMPON DES DONNEES DE LIAISON DESCENDANTE**
[72] RONNEKE, HANS BERTIL, SE
[72] HEDMAN, PETER, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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[54] **REMOVABLE CARTRIDGE FOR LIQUID DIFFUSION DEVICE AND CARTRIDGE INSERT THEREOF**
[54] **CARTOUCHE AMOVIBLE POUR DISPOSITIF DE DIFFUSION DE LIQUIDE ET INSERT DE CARTOUCHE ASSOCIE**
[72] ANSLEY, MATTHEW, US
[72] SWARD, NATHAN, US
[72] TANNER, HOWARD, US
[72] WEENING, RICHARD, US
[72] KELLY, CRAIG, US
[71] PROLITEC INC., US
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[54] **AIR SUPPLY DEVICE AND RELATED METHODS OF MANUFACTURE**
[54] **DISPOSITIF D'ALIMENTATION EN AIR ET PROCEDES DE FABRICATION ASSOCIES**
[72] ANSLEY, MATTHEW, US
[72] SWARD, NATHAN, US
[72] TANNER, HOWARD, US
[72] WEENING, RICHARD, US
[72] KELLY, CRAIG, US
[71] PROLITEC INC., US
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[54] **IMAGING SYSTEM, METHOD, AND APPLICATIONS**
[54] **SYSTEME D'IMAGERIE, PROCEDE ET APPLICATIONS**
[72] NIAZI, ZAKARIYA, US
[71] NIAZI, ZAKARIYA, US
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[54] **EPURATION DE L'EAU PAR HUMIDIFICATION-DESHUMIDIFICATION PAR COMPRESSION MECANIQUE A ENERGIE THERMIQUE**
[72] AL-QUTUB, AMRO, SA
[72] GOVINDAN, PRAKASH, US
[72] LIENHARD, JOHN, US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[71] KING FAHD UNIVERSITY OF PETROLEUM & MINERALS, SA
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[54] **CENTRE D'APPEL VIDEO**
[72] WOLZIEN, THOMAS R., US
[71] THE VIDEO CALL CENTER, LLC, US
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[54] **SYSTEME DE REVETEMENT DE SOL MODULAIRE**
[72] MATCHUNG, JOHN BRADLEY, CA
[71] MATCHUNG, JOHN BRADLEY, CA
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[54] **UPGRADING OF HYDROCARBON MATERIAL**
[54] **VALORISATION D'UN MATERIAU HYDROCARBONE**
[72] ZERPA REQUES, NESTOR GREGORIO, CA
[72] XIA, YUHAN, CA
[72] OMER, AYYUB ABDULJAWAD, CA
[72] DE CLERK, ARNO, CA
[71] NEXEN ENERGY ULC, CA
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[54] **METHOD AND ARRANGEMENT FOR MOUNTING BOLTS IN A TUNNEL WALL**
[54] **PROCEDE ET AGENCEMENT PERMETTANT DE MONTER DES BOULONS DANS UNE PAROI DE TUNNEL**
[72] PETTERSSON, LARS, SE
[72] JOHANSSON, PERTTI, SE
[72] SVENSSON, HAKAN, SE
[71] SKANSKA SVERIGE AB, SE
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[54] **MULTIFUNCTIONAL ORGANIC AGRICULTURAL FERTILIZER COMPOSITION AND PROCESS FOR PREPARATION THEREOF**
[54] **COMPOSITION D'ENGRAIS AGRICOLE ORGANIQUE MULTIFONCTIONNELLE ET SON PROCEDE DE PREPARATION**
[72] CHAUDHRY, SUUNIL SUDHAKAR, IN
[71] CHAUDHRY, SUUNIL SUDHAKAR, IN
[85] 2016-12-29
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[54] **METHOD FOR DESIGN OF PRODUCTION WELLS AND INJECTION WELLS**
[54] **METHODE DE CONCEPTION DE PUITS DE PRODUCTION ET DE PUITS D'INJECTION**
[72] PANTSURKIN, DANIL SERGEYEVICH, RU
[72] HORVATH SZABO, GEZA, US
[72] KRAEMER, CHAD, US
[72] PANGA, MOHAN, US
[71] SCHLUMBERGER CANADA LIMITED, CA
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[25] EN
[54] **SYSTEMS AND METHODS FOR COMPREHENSIVE ANALYSIS OF MOLECULAR PROFILES ACROSS MULTIPLE TUMOR AND GERMLINE EXOMES**
[54] **SYSTEMES ET PROCEDES D'ANALYSE EXHAUSTIVE DE PROFILS MOLECULAIRES A PARTIR DE PLUSIEURS EXOMES TUMORAUX ET GERMINAUX**
[72] RABIZADEH, SHAHROOZ, US
[72] SOON-SHIONG, PATRICK, US
[72] SANBORN, JOHN ZACHARY, US
[72] VASKE, CHARLES JOSEPH, US
[72] BENZ, STEPHEN CHARLES, US
[71] NANTOMICS, LLC, US
[71] NANT HOLDINGS IP, LLC, US
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[54] **DISPOSITIF DE COMPRESSION**
[72] SCHUBERT, SHAI YEHOSHUA, US
[71] PORTABLE THERAPEUTIX, LLC, US
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[54] **CELLULE D'UNITE DE DIAMANT ET MASSE DE DIAMANT OBTENUS PAR SYNTHESE COMBINATOIRE**
[72] HODES, DANIEL, US
[72] NEWMAN, ARNOLD L., US
[71] UNIT CELL DIAMOND LLC, US
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[54] **ATTACHE DE SERRAGE COMPORTANT UN ELEMENT DE COMPRESSION**
[72] BOHM, MATTHIAS, DE
[72] BREHM, HOLGER SIEGMUND, DE
[72] SCHMITT, DANIEL, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **SYSTEME DE MESURE DE DISPARITE DE FIXATION VISUELLE**
[72] KRALL, JEFFREY P., US
[72] THOMPSON, VANCE, US
[72] DAVIS, JOHN MERRIL, III, US
[71] EYEBRAIN MEDICAL, INC., US
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[54] **A DENTAL APPLIANCE AND METHOD OF PROTECTING DENTITION DURING A TRANSORAL PROCEDURE WITH THE APPLIANCE**
[54] **APPAREIL DENTAIRE ET PROCEDE DE PROTECTION DE LA DENTITION AU COURS D'UNE PROCEDURE TRANSORALE AVEC L'APPAREIL**
[72] AKERVALL, JAN, US
[72] THOMAS, VALARIE, US
[72] SCHWANK, JOHANN WALTER, US
[71] AKERVALL TECHNOLOGIES, INC., US
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[54] **SYSTEMS AND TECHNIQUES FOR ENSURING THE INTEGRITY OF ENTERPRISE ASSET MANAGEMENT DATA**
[54] **SYSTEMES ET TECHNIQUES POUR ASSURER L'INTEGRITE DE DONNEES DE GESTION DES ACTIFS D'ENTREPRISE**
[72] AYNSLEY-HARTWELL, PETER NORMAN, US
[72] MEINWEISER, WILLIAM JOSEPH, US
[71] UTOPIA GLOBAL, INC., US
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[54] **MULTI-ELECTRODE ELECTROCHEMICAL CELL AND METHOD OF MAKING THE SAME**
[54] **CELLULE ELECTROCHIMIQUE A ELECTRODES MULTIPLES ET SON PROCEDE DE FABRICATION**
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[72] DOE, ROBERT ELLIS, US
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[54] **APPAREIL PERMETTANT DE CONVERTIR OU D'ABSORBER L'ENERGIE PROVENANT D'UNE MASSE D'EAU MOBILE**
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[72] ICHIKAWA, HIROMITSU, JP
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[54] **SYSTEMES ET PROCEDES DE DETECTION ET DE PREVENTION DYNAMIQUES DE FRAUDE A LA CONSOMMATION**
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[72] ZHU, YUANMING, US
[72] WHITEKER, GREGORY T., US
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[54] **MODIFICATION D'UNE IMMUNITE ANTIVIRALE MEDIEE PAR LES CELLULES T PAR DES CELLULES SOUCHES ET DES RECEPTEURS D'ANTIGENE CHIMERIQUES**
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[54] **PROCEDES POUR EVALUER LE STADE D'UN CANCER DU POUMON**
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[54] **DETECTION ET MESURE DE FISSURES DANS DES RECIPIENTS METALLURGIQUES**
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[54] **VANNE ACTIONNEE ELECTRIQUEMENT ET PROCEDE ASSOCIE**
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[54] **COMPOSITIONS ET METHODES D'AMELIORATION DE THERAPIES CELLULAIRES ADOPTIVES**
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[72] PROUGH, DANIEL S., US
[72] PETROV, YURIY, US
[72] PETROV, IRENE, US
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[54] **ESPACE DE SORTIE DE MAGASIN A CAISSE AUTOMATISEE, SANS SURVEILLANCE ET COMMANDEE PAR ORDINATEUR, ET PROCEDE ASSOCIE**
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[54] **CENTRE DE MAINTENANCE DE CHALUMEAU SOUDEUR**
[72] KTEILY, NASEEM E., CA
[71] NASARC TECHNOLOGIES INC., CA
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[72] OSBORNE, CHARLES AGNEW, JR., US
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[54] **PROCEDES POUR LE TRAITEMENT D'INFECTIONS PAR LE VIRUS DE L'HEPATITE B ET LE VIRUS DE L'HEPATITE D**
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[54] **PROCEDES D'AMELIORATION DE LA PERFORMANCE DU MYOCARDE CHEZ DES PATIENTS OPERES D'UN FONTAN, AU MOYEN DE COMPOSITIONS D'UDENAFIL**
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[54] **SYSTEMES ET PROCEDES DE MESURE ET D'EVALUATION DE L'INSTABILITE DE LA COLONNE VERTEBRALE**
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[72] GAGNON, YANN, CA
[72] MUNRO, CHAD, CA
[72] VAN DE PUT, RICHARD, CA
[71] HALIFAX BIOMEDICAL INC., CA
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[54] **INHIBITEURS D'IMIDAZOLYL KINASE ET LEURS UTILISATIONS**
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[72] LIANG, YANKE, US
[72] GRAY, NATHANAEL, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
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[71] DANA-FARBER CANCER INSTITUTE, INC., US
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[51] **Int.Cl. H02J 3/38 (2006.01)**
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[54] **HIERARCHICAL AND DISTRIBUTED POWER GRID CONTROL**
[54] **COMMANDE DE RESEAU ELECTRIQUE HIERARCHIQUE ET REPARTIE**
[72] MATAN, STEFAN, US
[72] HORTON, FRED, US
[72] MARRONE, FRANK, US
[71] XSLENT ENERGY TECHNOLOGIES, LLC, US
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[25] EN
[54] **2-AMINO-PYRIDO[2,3-D]PYRIMIDIN-7(8H)-ONE DERIVATIVES AS CDK INHIBITORS AND USES THEREOF**
[54] **2-AMINO-PYRIDO [2,3-D] PYRIMIDIN -7 (8H)-ONE UTILISES EN TANT QU'INHIBITEURS DE CDK ET UTILISATIONS DE CEUX-CI**
[72] LIU, BING, CN
[72] ZHANG, YINGJUN, CN
[72] NIE, LINLIN, CN
[72] BAI, SHUN, CN
[72] GUAN, MINGYU, CN
[72] LI, XUKE, CN
[72] CHENG, CHANGCHUNG, CN
[71] SUNSHINE LAKE PHARMA CO., LTD., CN
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[54] **GRID NETWORK GATEWAY AGGREGATION**
[54] **AGREGATION DE PASSERELLE DE RESEAU MAILLE**
[72] MATAN, STEFAN, US
[72] HORTON, FRED, US
[72] MARRONE, FRANK, US
[72] BORZINI, CLAYTON, US
[71] XSLENT ENERGY TECHNOLOGIES, LLC, US
[85] 2017-01-03
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[51] **Int.Cl. C08B 31/00 (2006.01) C08L 3/02 (2006.01)**
[25] EN
[54] **A POLYMER BASED ON A MALTODEXTRIN FOR ENCAPSULATING ORGANIC COMPOUNDS**
[54] **POLYMERE A BASE D'UNE MALTODEXTRINE POUR L'ENCAPSULATION DE COMPOSES ORGANIQUES**
[72] TROTTA, FRANCESCO, IT
[72] FOSSATI, ERNESTO, IT
[71] ROQUETTE ITALIA S.P.A., IT
[85] 2017-01-04
[86] 2014-07-07 (PCT/EP2014/064466)
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[51] **Int.Cl. E02D 17/18 (2006.01) E01F 7/00 (2006.01) E02D 17/08 (2006.01) E02D 17/20 (2006.01)**
[25] EN
[54] **EDGE PROTECTION SAFETY BUND SYSTEM**
[54] **SYSTEME MUR DE PROTECTION POUR PROTECTION DES BORDS**
[72] DURKIN, STEVEN PETER, AU
[72] MURDOCH, JOHN FORBES, AU
[71] HIRAM (WA) PTY LTD, AU
[85] 2017-01-04
[86] 2015-06-30 (PCT/AU2015/000378)
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[25] EN
[54] **PROCESSES FOR PRODUCING INDUSTRIAL PRODUCTS FROM PLANT LIPIDS**
[54] **PROCEDES DE PRODUCTION DE PRODUITS INDUSTRIELS A PARTIR DE LIPIDES VEGETAUX**
[72] VANHERCKE, THOMAS, AU
[72] PETRIE, JAMES ROBERTSON, AU
[72] EL TAHCHY, ANNA, AU
[72] SINGH, SURINDER PAL, AU
[72] REYNOLDS, KYLE, AU
[72] LIU, QING, AU
[72] LEITA, BENJAMIN ALDO, AU
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
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[51] **Int.Cl. G01B 11/16 (2006.01)**
[25] EN
[54] **A DEVICE AND SYSTEM FOR DETECTING DYNAMIC STRAIN**
[54] **DISPOSITIF ET SYSTEME DE DETECTION DE CONTRAINTE DYNAMIQUE**
[72] HULL, JOHN, CA
[72] JALILIAN, SEYED EHSAN, CA
[71] HIFI ENGINEERING INC., CA
[85] 2017-01-04
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[51] **Int.Cl. F16L 5/08 (2006.01)**
[25] EN
[54] **PRESS SEAL HAVING AN ELASTOMER BODY**
[54] **GARNITURE D'ETANCHEITE PRESSEE AVEC CORPS EN ELASTOMERE**
[72] EGRITEPE, SENOL, DE
[71] HAUFF TECHNIK GMBH & CO. KG, DE
[85] 2017-01-04
[86] 2015-07-14 (PCT/EP2015/066055)
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[25] EN
[54] **METHOD AND SYSTEM FOR DETECTING DYNAMIC STRAIN**
[54] **PROCEDE ET SYSTEME POUR DETECTER UNE CONTRAINTE DYNAMIQUE**
[72] HULL, JOHN, CA
[72] JALILIAN, SEYED EHSAN, CA
[71] HIFI ENGINEERING INC., CA
[85] 2017-01-04
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[25] EN
[54] **MAGNETIC RESONANCE IMAGING METHODS FOR THE STUDY OF GASTROINTESTINAL TRANSIT**
[54] **PROCEDES D'IMAGERIE PAR RESONANCE MAGNETIQUE UTILISABLES EN VUE DE L'ETUDE DU TRANSIT GASTRO-INTESTINAL**
[72] MARCIANI, LUCA, GB
[72] HARRIS, ROY, GB
[72] HOAD, CAROLINE LOUISE, GB
[72] GOWLAND, PENELOPE ANNE, GB
[72] PERKINS, ALAN CHRISTOPHER, GB
[72] FOX, MARK ROBERT, GB
[72] SPILLER, ROBIN CHARLES, GB
[71] NOTTINGHAM UNIVERSITY HOSPITALS NHS TRUST, GB
[85] 2017-01-04
[86] 2015-07-03 (PCT/GB2015/051948)
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[51] **Int.Cl. B01J 31/40 (2006.01) B01J 31/02 (2006.01)**
[25] EN
[54] **METHOD FOR RECOVERY OF IONIC LIQUID AND SYSTEM THEREOF**
[54] **PROCEDE DE RECUPERATION DE LIQUIDE IONIQUE ET SYSTEME ASSOCIE**
[72] YADAV, AKHILESH, IN
[72] UPPARA, PARASUVEERA, IN
[72] ADURI, PAVAN KUMAR, IN
[72] KOTRA, VISWANATH, IN
[72] DUKHANDE, VIBHUTI, IN
[71] RELIANCE INDUSTRIES LIMITED, IN
[85] 2017-01-04
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[30] IN (2244/MUM/2014) 2014-07-09

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[51] **Int.Cl. G09C 5/00 (2006.01) H04N 1/44 (2006.01)**
[25] EN
[54] **PLAINTEXT ENCRYPTION METHOD**
[54] **PROCEDE DE CHIFFREMENT DE TEXTE EN CLAIR**
[72] KADISHSON YANAY, YINNON, IL
[71] KADISHSON YANAY, YINNON, IL
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[51] **Int.Cl. B63B 21/50 (2006.01) B63B 35/00 (2006.01)**
[25] EN
[54] **SYSTEM FOR MOORING OFFSHORE STRUCTURE GROUP AND METHOD FOR MOORING OFFSHORE STRUCTURE GROUP**
[54] **SYSTEME D'AMARRAGE DE GROUPE DE STRUCTURES OFFSHORE ET PROCEDE D'AMARRAGE DE GROUPE DE STRUCTURES OFFSHORE**
[72] NAKAMURA, TAKUJU, JP
[71] MODEC, INC., JP
[85] 2017-01-04
[86] 2014-09-25 (PCT/JP2014/075358)
[87] (WO2016/006126)
[30] JP (2014-140793) 2014-07-08

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[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/62 (2006.01)**
[25] EN
[54] **CO2 RECOVERY UNIT AND CO2 RECOVERY METHOD**
[54] **DISPOSITIF DE RECUPERATION DE CO2 ET PROCEDE DE RECUPERATION DE CO2**
[72] NAKAGAWA, YOSUKE, JP
[72] SHIMADA, DAISUKE, JP
[72] TSUJIUCHI, TATSUYA, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2017-01-04
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[25] EN
[54] **STATOR UNIT, ROTARY ELECTRIC MACHINE INCLUDING STATOR UNIT, AND METHOD OF MANUFACTURING STATOR UNIT**
[54] **UNITE DE STATOR, MACHINE ELECTRIQUE TOURNANTE COMPORTANT UNE UNITE DE STATOR, ET PROCEDE DE FABRICATION D'UNITE DE STATOR**
[72] SAKAMOTO, SUGURU, JP
[72] KUROKAWA, YOSHITERU, JP
[72] OKABE, JUNYA, JP
[72] MIYOSHI, HIROYUKI, JP
[72] KODERA, YOSHIHIRO, JP
[71] KYB CORPORATION, JP
[71] TOP CO., LTD., JP
[85] 2017-01-04
[86] 2015-06-26 (PCT/JP2015/068479)
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[30] JP (2014-140720) 2014-07-08
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[51] **Int.Cl. B61L 27/04 (2006.01) B61B 13/12 (2006.01) B61L 25/02 (2006.01) B65G 43/00 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM FOR AN IMPROVED RAIL TRANSPORT SYSTEM FOR CONVEYING BULK MATERIALS**
[54] **SYSTEME DE COMMANDE POUR UN SYSTEME DE TRANSPORT FERROVIAIRE AMELIORE POUR LE TRANSPORT DE MATERIAUX EN VRAC**
[72] FISK, JAMES EVERRETT, US
[72] FANTIN, PATRICK WALTER JOSEPH, CA
[72] MCCALL, WILLIAM JOHN, CA
[72] NIEMEYER, DAVID WILHELM, CA
[72] REAY, CURTIS RON, CA
[72] ZANETTI, ERIC BENJAMIN ALEXANDER, CA
[72] HELLBERG, ESKO JOHANNES, CA
[72] CAPERS, JOSEPH GERALD, US
[71] RAIL-VEYOR TECHNOLOGIES GLOBAL INC., CA
[85] 2017-01-04
[86] 2015-03-09 (PCT/CA2015/050175)
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[30] US (62/021,905) 2014-07-08

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[51] **Int.Cl. B61B 13/12 (2006.01) B61H 9/00 (2006.01)**
[25] EN
[54] **DRIVE STATION ARRANGEMENTS**
[54] **SYSTEMES DE STATION D'ENTRAINEMENT**
[72] FISK, JAMES EVERRETT, US
[72] FANTIN, PATRICK WALTER JOSEPH, CA
[72] MCCALL, WILLIAM JOHN, CA
[72] NIEMEYER, DAVID WILHELM, CA
[72] REAY, CURTIS RON, CA
[72] ZANETTI, ERIC BENJAMIN ALEXANDER, CA
[72] HELLBERG, ESKO JOHANNES, CA
[71] RAIL-VEYOR TECHNOLOGIES GLOBAL INC., CA
[85] 2017-01-04
[86] 2015-03-31 (PCT/CA2015/050251)
[87] (WO2016/004516)
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[51] **Int.Cl. C12N 5/077 (2010.01)**
[25] EN
[54] **NEW UNDIFFERENTIATED STEM CELL REMOVAL AND MYOCARDIAL PURIFICATION AND REFINEMENT CULTURE MEDIUM**
[54] **NOUVELLE ELIMINATION DE CELLULES SOUCHES NON DIFFERENCIEES ET NOUVEAU MILIEU DE CULTURE DE PURIFICATION ET D'AFFINAGE DU MYOCARDE**
[72] FUKUDA, KEIICHI, JP
[72] FUJITA, JUN, JP
[72] TOHYAMA, SHUGO, JP
[71] HEARTSEED INC., JP
[85] 2017-01-04
[86] 2015-07-16 (PCT/JP2015/071048)
[87] (WO2016/010165)
[30] JP (2014-146283) 2014-07-16

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[51] **Int.Cl. E01B 25/00 (2006.01) B61B 3/00 (2006.01) B61B 5/02 (2006.01) E01B 25/22 (2006.01)**
[25] EN
[54] **RAIL TRANSPORT DUMP LOOP SYSTEM FOR CONVEYING BULK MATERIALS**
[54] **SYSTEME DE BOUCLE DE DECHARGE DE TRANSPORT SUR RAILS POUR LE TRANSPORT DE MATERIAUX EN VRAC**
[72] FISK, JAMES EVERRETT, US
[72] FANTIN, PATRICK WALTER JOSEPH, CA
[72] MCCALL, WILLIAM JOHN, CA
[72] NIEMEYER, DAVID WILHELM, CA
[72] REAY, CURTIS RON, CA
[72] ZANETTI, ERIC BENJAMIN ALEXANDER, CA
[72] HELLBERG, ESKO JOHANNES, CA
[71] RAIL-VEYOR TECHNOLOGIES GLOBAL INC., CA
[85] 2017-01-04
[86] 2015-03-31 (PCT/CA2015/050252)
[87] (WO2016/004517)
[30] US (62/021,905) 2014-07-08

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[51] **Int.Cl. C12N 5/0775 (2010.01) C07K 16/28 (2006.01) C12N 15/02 (2006.01) C12P 1/00 (2006.01) C12Q 1/04 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **METHOD FOR EVALUATING QUALITY OF HUMAN MESENCHYMAL STEM CELL, AND MONOCLONAL ANTIBODY FOR USE IN SAID METHOD**
[54] **PROCEDE POUR EVALUER LA QUALITE D'UNE CELLULE SOUCHE MESENCHYMATEUSE HUMAINE, ET ANTICORPS MONOCLONAL S'UTILISANT DANS LEDIT PROCEDE**
[72] IYOKU, YUMI, JP
[72] OKANO, HIDEYUKI, JP
[72] MABUCHI, YO, JP
[71] PUREC CO., LTD., JP
[85] 2017-01-04
[86] 2015-07-31 (PCT/JP2015/071770)
[87] (WO2016/017795)
[30] JP (2014-157367) 2014-08-01

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[51] **Int.Cl. B61D 15/00 (2006.01) B61B 13/12 (2006.01) B61D 17/08 (2006.01) B61D 49/00 (2006.01) B65G 21/00 (2006.01)**
[25] EN
[54] **SUPPORT FRAMES AND RAIL CARS FOR CONVEYING BULK MATERIALS ON A RAIL TRANSPORT SYSTEM**
[54] **CADRES DE SUPPORT ET VEHICULES FERROVIAIRES POUR LE TRANSPORT DE MATERIAUX EN VRAC SUR UN SYSTEME DE TRANSPORT FERROVIAIRE**
[72] FISK, JAMES EVERRETT, US
[72] FANTIN, PATRICK WALTER JOSEPH, CA
[72] MCCALL, WILLIAM JOHN, CA
[72] NIEMEYER, DAVID WILHELM, CA
[72] REAY, CURTIS RON, CA
[72] ZANETTI, ERIC BENJAMIN ALEXANDER, CA
[72] HELLBERG, ESKO JOHANNES, CA
[71] RAIL-VEYOR TECHNOLOGIES GLOBAL INC., CA
[85] 2017-01-04
[86] 2015-03-31 (PCT/CA2015/050255)
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[30] US (62/021,905) 2014-07-08

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[51] **Int.Cl. G06Q 10/10 (2012.01) G06Q 50/10 (2012.01)**
[25] EN
[54] **HOME APPLIANCE AND CONTROL METHOD FOR THE SAME**
[54] **APPAREIL DOMESTIQUE ET PROCEDE DE COMMANDE ASSOCIE**
[72] YANG, HEE KYUNG, KR
[72] KANG, SEONG YONG, KR
[72] KIM, SE IL, KR
[72] JANG, JI HYE, KR
[72] HAN, SEONG JOO, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2017-01-04
[86] 2015-04-16 (PCT/KR2015/003811)
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[30] KR (10-2014-0090897) 2014-07-18

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[13] A1
[51] **Int.Cl. G06F 15/00 (2006.01) G06F 7/00 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR OPTIMIZING AND ENHANCING VISIBILITY OF THE WEBSITE**
[54] **SYSTEME ET PROCEDE POUR OPTIMISER ET AMELIORER LA VISIBILITE D'UN SITE WEB**
[72] RAMTEK, ARPAN SAMUEL, IN
[72] SAMANTRAY, RONAK KUMAR, IN
[72] NAIK, RAVINDRA, IN
[72] CHAK, SUPRIYA, IN
[71] NOWFLOATS TECHNOLOGIES PVT. LTD., IN
[85] 2017-01-04
[86] 2016-06-29 (PCT/IN2016/000169)
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[30] IN (3262/CHE/2015) 2015-06-29

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[51] **Int.Cl. F16B 13/06 (2006.01) F16B 35/06 (2006.01)**
[25] EN
[54] **PULL-UP BOLT ASSEMBLY**
[54] **ENSEMBLE DE BOULON DE TRACTION PAR LE HAUT**
[72] DEPIETRO, EDWARD A., US
[71] UNIVERSAL HINGE CORPORATION, US
[85] 2017-01-04
[86] 2014-07-21 (PCT/US2014/047398)
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[51] **Int.Cl. G01L 1/10 (2006.01) G01C 15/00 (2006.01) G01D 5/02 (2006.01)**
[25] EN
[54] **METHOD FOR THE MEASUREMENT OF ANGULAR AND/OR LINEAR DISPLACEMENTS UTILIZING ONE OR MORE FOLDED PENDULA**
[54] **PROCEDE POUR LA MESURE DE DEPLACEMENTS AUGULAIRES ET/OU LINEAIRES AU MOYEN D'UN OU DE PLUSIEURS PENDULE(S) REPLIE(S)**
[72] BARONE, FABRIZIO, IT
[72] ACERNESE, FAUSTO, IT
[72] GIORDANO, GERARDO, IT
[71] UNIVERSITA DEGLI STUDI DI SALERNO, IT
[85] 2017-01-04
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[30] IT (RM2014A000460) 2014-08-06

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[51] **Int.Cl. B65D 47/32 (2006.01)**
[25] EN
[54] **LID FOR BEVERAGE CONTAINER**
[54] **COUVERCLE DE RECIPIENT POUR BOISSON**
[72] BRANNOCK, SAMUEL LINCOLN, US
[71] HARL-BELLA HOLDINGS, LLC, US
[85] 2017-01-04
[86] 2014-08-08 (PCT/US2014/050422)
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[30] US (13/962,878) 2013-08-08

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[13] A1
[51] **Int.Cl. C09K 8/62 (2006.01) C09K 8/03 (2006.01)**
[25] EN
[54] **METHOD OF ALTERING CROSSLINK TIME OF DELAYED BORATE CROSSLINKERS**
[54] **PROCEDE DE MODIFICATION DU DELAI DE RETICULATION D'AGENTS DE RETICULATION DU BORATE A ACTION RETARDEE**
[72] CHOPADE, PRASHANT D., US
[72] CORIA, BIANCA, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-01-04
[86] 2014-08-06 (PCT/US2014/049956)
[87] (WO2016/022112)

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[51] **Int.Cl. E21B 34/06 (2006.01) E21B 17/00 (2006.01)**
[25] EN
[54] **PENETRATOR FOR A PUNCTURE COMMUNICATION TOOL AND METHOD**
[54] **ELEMENT PENETRATEUR POUR OUTIL DE COMMUNICATION DE PERFORATION ET PROCEDE**
[72] GARR, RONALD J., US
[72] JONES, BRETT C., US
[72] LINDEMANN, JOHN D., US
[72] HAIR, MICHAEL L., US
[72] MYERLEY, THOMAS S., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2017-01-04
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[87] (WO2016/007237)
[30] US (14/329,331) 2014-07-11

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[51] **Int.Cl. G01V 1/38 (2006.01) G01V 1/00 (2006.01)**
[25] EN
[54] **OFFSET FOOTPRINT ANALYSIS FOR SELECTING CANDIDATE LINES FOR SEISMIC SURVEY**
[54] **ANALYSE D'EMPREINTE DE DECALAGE POUR SELECTIONNER DES LIGNES CANDIDATES POUR ETUDE SISMIQUE**
[72] BOWMAN, DAVID ROBERT, GB
[72] TOMLINSON, MICHAEL BERNARD, GB
[72] STYLES, ANGUS MACGREGOR, GB
[71] ION GEOPHYSICAL CORPORATION, US
[71] BOWMAN, DAVID ROBERT, GB
[71] TOMLINSON, MICHAEL BERNARD, GB
[71] STYLES, ANGUS MACGREGOR, GB
[85] 2017-01-04
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[30] US (62/021,040) 2014-07-04

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[13] A1
[51] **Int.Cl. G06Q 30/00 (2012.01)**
[25] EN
[54] **DYNAMIC CHECKOUT BUTTON APPARATUSES, METHODS AND SYSTEMS**
[54] **APPAREILS, PROCEDES ET SYSTEMES A BOUTON DE COMMANDE DYNAMIQUE**
[72] GIRISH, APARNA KRISHNAN, US
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
[85] 2017-01-04
[86] 2015-07-06 (PCT/US2015/039266)
[87] (WO2016/007443)
[30] US (62/021,187) 2014-07-06

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[51] **Int.Cl. E21B 47/02 (2006.01) E21B 47/09 (2012.01)**
[25] EN
[54] **DIRECTIONAL TENDENCY PREDICTORS FOR ROTARY STEERABLE SYSTEMS**
[54] **PREDICTEURS DE TENDANCE DIRECTIONNELLE POUR DES SYSTEMES ORIENTABLES ROTATIFS**
[72] SAMUEL, ROBELLO, US
[72] ZHANG, YUAN, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2017-01-04
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[51] **Int.Cl. C09K 8/42 (2006.01) E21B 33/13 (2006.01)**
[25] EN
[54] **NAPTHOL-BASED EPOXY RESIN ADDITIVES FOR USE IN WELL CEMENTING**
[54] **ADDITIFS POUR RESINE EPOXY A BASE DE NAPHTOL UTILISABLES DANS LA CIMENTATION DE PUITS**
[72] CHATTERJI, JITEN, US
[72] HUNDT, GREGORY ROBERT, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-01-04
[86] 2014-08-15 (PCT/US2014/051248)
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[51] **Int.Cl. C09K 8/80 (2006.01) C09K 8/035 (2006.01) C09K 8/04 (2006.01)**
[25] EN
[54] **CROSSLINKABLE PROPPANT PARTICULATES FOR USE IN SUBTERRANEAN FORMATION OPERATIONS**
[54] **MATIERES PARTICULAIRES D'AGENT DE SOUTENEMENT RETICULABLES POUVANT ETRE UTILISEES DANS DES OPERATIONS DE DE FORMATION SOUTERRAINE**
[72] LU, ZHENG, US
[72] OLIVEIRA, HUMBERTO ALMEIDA, US
[72] PALLA-VENKATA, CHANDRA SEKHAR, US
[72] BENOIT, DENISE NICOLE, US
[72] CHOPADE, PRASHANT D., US
[72] NGUYEN, PHILIP D., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[86] 2014-08-15 (PCT/US2014/051333)
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[51] **Int.Cl. H04B 7/185 (2006.01) H05K 1/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SATELLITE USING MULTIFUNCTIONAL MOTHERBOARD**
[54] **SYSTEME ET PROCEDE POUR UN SATELLITE UTILISANT UNE CARTE MERE MULTIFONCTIONNELLE**
[72] RALPH, LOREN E., US
[72] RODGERS, EDDIE, US
[72] ROBERSON, JAMES H., US
[71] L-3 COMMUNICATIONS CORPORATION, US
[85] 2017-01-04
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[25] EN
[54] **PROCESS FOR THE PREPARATION OF 3-HYDROXYPICOLINIC ACIDS**
[54] **PROCEDE DE PREPARATION D'ACIDES 3--HYDROXYPICOLINIQUES**
[72] RENGA, JAMES M., US
[71] DOW AGROSCIENCES LLC, US
[85] 2017-01-03
[86] 2015-07-07 (PCT/US2015/039411)
[87] (WO2016/007532)
[30] US (62/021,868) 2014-07-08

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[51] **Int.Cl. E21B 47/00 (2012.01) G01V 3/18 (2006.01) G01V 3/38 (2006.01)**
[25] EN
[54] **LOW-NOISE FLUXGATE MAGNETOMETER WITH INCREASED OPERATING TEMPERATURE RANGE**
[54] **MAGNETOMETRE A VANNE DE FLUX A FAIBLE BRUIT PRESENTANT UNE PLAGE DE TEMPERATURE DE FONCTIONNEMENT ACCRUE**
[72] LI, WENQUAN, US
[72] BESTE, RANDAL THOMAS, US
[72] ROBERSON, BRIAN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-01-04
[86] 2015-05-26 (PCT/US2015/032403)
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[51] **Int.Cl. B65G 47/68 (2006.01)**
[25] EN
[54] **HIGH RATE BULK FLOW SORTATION**
[54] **TRI DE FLUX EN VRAC A VITESSE ELEVEE**
[72] KOETJE, ROBERT L., US
[72] STEINER, CHRISTOPHER W., US
[72] GREEN, THOMAS H., III, US
[72] SCHUITEMA, DENNIS J., US
[72] BRUMELS, JAMES A., US
[72] TRIESENBERG, THOMAS H., US
[72] KARAS, JOHN M., US
[72] BRAYMAN, MATTHEW T., US
[71] DEMATIC CORP., US
[85] 2017-01-04
[86] 2015-07-07 (PCT/US2015/039294)
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[51] **Int.Cl. C07G 1/00 (2011.01) C08L 97/02 (2006.01) D21C 11/00 (2006.01)**
[25] EN
[54] **METHODS FOR SEPARATING AND REFINING LIGNIN FROM BLACK LIQUOR AND COMPOSITIONS THEREOF**
[54] **PROCEDES DE SEPARATION ET DE RAFFINAGE DE LA LIGNINE PROVENANT DE LIQUEUR NOIRE ET COMPOSITIONS ASSOCIEES**
[72] JANSEN, ROBERT, US
[72] LAWSON, JAMES ALAN, US
[72] LAPIDOT, NOA, IL
[71] VIRDIA, INC., US
[85] 2017-01-03
[86] 2015-07-07 (PCT/US2015/039438)
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[51] **Int.Cl. A61K 31/535 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF 4-ALKOXY-3-HYDROXYPICOLINIC ACIDS**
[54] **PROCEDE DE PREPARATION D'ACIDES 4-ALKOXY-3-HYDROXYPICOLINIQUES**
[72] RENGA, JAMES M., US
[72] ZHU, YUANMING, US
[72] WHITEKER, GREGORY T., US
[72] CHOY, NAKYEN, US
[72] STOCKMAN, KENNETH E., US
[71] DOW AGROSCIENCES LLC, US
[85] 2017-01-03
[86] 2015-07-08 (PCT/US2015/039565)
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[30] US (62/021,876) 2014-07-08
[30] US (62/021,877) 2014-07-08
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[51] **Int.Cl. B05D 3/06 (2006.01)**
[25] EN
[54] **MARKING PLASTIC-BASED PRODUCTS**
[54] **MARQUAGE DE PRODUITS A BASE DE PLASTIQUE**
[72] MEDOFF, MARSHALL, US
[71] XYLECO, INC, US
[85] 2017-01-04
[86] 2015-07-07 (PCT/US2015/039341)
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[51] **Int.Cl. A61K 48/00 (2006.01) A61P 35/00 (2006.01) C07H 21/04 (2006.01)**
[25] EN
[54] **VACCINES AGAINST AN ONCOGENIC ISOFORM OF HER2 (ERBB2) AND METHODS OF USING THE SAME**
[54] **VACCINS CONTRE UN ISOFORME ONCOGENE D'HER2 (ERBB2) ET LEURS METHODES D'UTILISATION**
[72] LYERLY, HERBERT K., US
[72] OSADA, TAKUYA, US
[72] HARTMAN, ZACHARY C., US
[71] DUKE UNIVERSITY, US
[85] 2017-01-04
[86] 2015-07-07 (PCT/US2015/039359)
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[25] EN
[54] **VACCINES AGAINST AN ONCOGENIC ISOFORM OF ESR1 AND METHODS OF USING THE SAME**
[54] **VACCINS DIRIGES CONTRE UNE ISOFORME ONCOGENE D'ESR1 ET LEURS METHODES D'UTILISATION**
[72] LYERLY, HERBERT K., US
[72] OSADA, TAKUYA, US
[72] HARTMAN, ZACHARY C., US
[71] DUKE UNIVERSITY, US
[85] 2017-01-04
[86] 2015-07-07 (PCT/US2015/039367)
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[51] **Int.Cl. G06Q 30/06 (2012.01) H04M 3/42 (2006.01)**
[25] EN
[54] **APPLYING MESH NETWORK TO STADIUM SERVICES**
[54] **APPLICATION DE RESEAU MAILLE A DES SERVICES DE STADE**
[72] MILNE, JAMES R., US
[72] CARLSSON, GREGORY PETER, US
[72] ZUSTAK, FREDERICK J., US
[71] SONY CORPORATION, JP
[85] 2017-01-04
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[54] **FLUX MACHINE**
[54] **MACHINE DE FLUX**
[72] KLONTZ, KEITH, US
[72] LI, HAODONG, US
[71] CLEARWATER HOLDINGS, LTD, US
[85] 2017-01-04
[86] 2014-05-30 (PCT/US2014/040372)
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[25] EN
[54] **METHODS AND COMPOSITIONS TO MODULATE HAIR GROWTH**
[54] **METHODES ET COMPOSITIONS POUR MODULER LA POUSSE DES CHEVEUX**
[72] TERSKIKH, ALEXEY V., US
[71] SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE, US
[85] 2017-01-04
[86] 2015-07-07 (PCT/US2015/039397)
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[51] **Int.Cl. B32B 3/12 (2006.01) E04F 13/00 (2006.01)**
[25] EN
[54] **SAG-RESISTANT SUBSTRATES AND METHODS OF PREPARING AND USING SAME**
[54] **SUBSTRATS RESISTANT A L'AFFAISSEMENT ET LEURS PROCEDES DE PREPARATION ET D'UTILISATION**
[72] OLESKE, PETER J., US
[71] ARMSTRONG WORLD INDUSTRIES, INC., US
[85] 2017-01-04
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[25] EN
[54] **PROCESS FOR THE PREPARATION OF 4-ALKOXY-3-HYDROXYPICOLINIC ACIDS**
[54] **PROCEDE DE PREPARATION D'ACIDES ALCOXY-3-HYDROXYPICOLINIQUES**
[72] RENGA, JAMES M., US
[72] ZHU, YUANMING, US
[72] WHITEKER, GREGORY T., US
[72] CHOY, NAKYEN, US
[71] DOW AGROSCIENCES LLC, US
[85] 2017-01-04
[86] 2015-07-08 (PCT/US2015/039568)
[87] (WO2016/007637)
[30] US (62/021,876) 2014-07-08
[30] US (62/021,877) 2014-07-08
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[51] **Int.Cl. G06K 7/10 (2006.01)**
[25] EN
[54] **IMAGING AND PERIPHERAL ENHANCEMENTS FOR MOBILE DEVICES**
[54] **REHAUSSEMENTS D'IMAGERIE ET PERIPHERIQUES POUR DES DISPOSITIFS MOBILES**
[72] KOWALCZYK, MATTHEW, US
[72] MENON, MANAS, US
[72] HACK, BRIAN, US
[72] FOSTER, DAVIS, US
[72] GULBINAS, JASON, US
[72] HARADA, SAMUEL, US
[71] AILA TECHNOLOGIES, INC., US
[85] 2017-01-04
[86] 2015-07-08 (PCT/US2015/039597)
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[51] **Int.Cl. E21B 10/42 (2006.01) E21B 10/43 (2006.01) E21B 10/54 (2006.01) E21B 10/62 (2006.01)**
[25] EN
[54] **CUTTING ELEMENTS COMPRISING PARTIALLY LEACHED POLYCRYSTALLINE MATERIAL, TOOLS COMPRISING SUCH CUTTING ELEMENTS, AND METHODS OF FORMING WELLBORES USING SUCH CUTTING ELEMENTS**
[54] **ELEMENTS DE COUPE COMPRENANT UN MATERIAU POLYCRISTALLIN PARTIELLEMENT LIXIVIE, OUTILS COMPRENANT DE TELS ELEMENTS DE COUPE, ET PROCEDE DE FORMATION DE PUITS DE FORAGE AU MOYEN DETELS ELEMENTS DE COUPE**
[72] STOCKEY, DAVID A., US
[72] FLORES, ALEJANDRO, US
[72] DIGIOVANNI, ANTHONY A., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2017-01-04
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[51] **Int.Cl. G06F 19/00 (2011.01) A61J 7/04 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING ACTIVATION OF A MEDICAL DELIVERY DEVICE**
[54] **SYSTEME ET PROCEDE PERMETTANT DE DETECTER L'ACTIVATION D'UN DISPOSITIF DE PRESTATION DE SOINS MEDICAUX**
[72] ALBRECHT, SABINE, US
[72] BAUSS, MARKUS, DE
[71] CONNECTMESMART GMBH, DE
[71] AMGEN INC., US
[85] 2017-01-04
[86] 2015-07-21 (PCT/US2015/041237)
[87] (WO2016/014457)
[30] US (62/027,750) 2014-07-22

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[51] **Int.Cl. F17C 1/00 (2006.01) B60K 15/03 (2006.01) F17C 13/00 (2006.01)**
[25] EN
[54] **COMPOSITE PRESSURE TANK BOSS MOUNTING WITH PRESSURE RELIEF**
[54] **MONTAGE DE BOSSAGE DE RESERVOIR SOUS PRESSION COMPOSITE PRESENTANT UNE LIMITATION DE PRESSION**
[72] LEAVITT, MARK, US
[72] WARNER, MARK, US
[72] REA, DAVID, US
[71] QUANTUM FUEL SYSTEMS LLC, US
[85] 2017-01-04
[86] 2015-07-21 (PCT/US2015/041410)
[87] (WO2016/018679)
[30] US (14/444,958) 2014-07-28

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[51] **Int.Cl. C07D 401/14 (2006.01) C07D 403/14 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **2-H-INDAZOLE DERIVATIVES AS CYCLIN-DEPENDENT KINASE (CDK) INHIBITORS AND THERAPEUTIC USES THEREOF**
[54] **DERIVES DE 2-H-INDAZOLE EN TANT QU'INHIBITEURS DE LA KINASE DEPENDANTE DE LA CYCLINE (CDK) ET LEURS UTILISATIONS THERAPEUTIQUES**
[72] GRECO, MICHAEL NICHOLAS, US
[72] COSTANZO, MICHAEL JOHN, US
[72] PENG, JIRONG, US
[72] WILDE, VICTORIA LYNN, US
[72] ZHANG, DON, US
[71] BETA PHARMA, INC., US
[85] 2017-01-04
[86] 2015-07-24 (PCT/US2015/041915)
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[30] US (62/028,427) 2014-07-24

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[51] **Int.Cl. C07D 249/08 (2006.01)**
[25] EN
[54] **MOLECULES HAVING CERTAIN PESTICIDAL UTILITIES, AND INTERMEDIATES, COMPOSITIONS, AND PROCESSES RELATED THERETO**
[54] **MOLECULES AYANT CERTAINS EFFETS PESTICIDES, INTERMEDIAIRES, COMPOSITIONS ET PROCEDES ASSOCIES**
[72] FISCHER, LINDSEY G., US
[72] CROUSE, GARY D., US
[72] SPARKS, THOMAS C., US
[72] GOLDSMITH, MIRIAM E., US
[72] KNUEPPEL, DANIEL L., US
[71] DOW AGROSCIENCES LLC, US
[85] 2017-01-04
[86] 2015-07-28 (PCT/US2015/042393)
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[30] US (62/029,756) 2014-07-28

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[51] **Int.Cl. E21B 47/022 (2012.01) E21B 47/09 (2012.01) G01V 3/18 (2006.01)**
[25] EN
[54] **WELL RANGING APPARATUS, SYSTEMS, AND METHODS**
[54] **APPAREIL, SYSTEMES ET PROCEDES DE TELEMETRIE DE PUITS**
[72] WU, HSU-HSIANG, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-01-04
[86] 2015-08-04 (PCT/US2015/043557)
[87] (WO2016/025230)
[30] US (62/035,877) 2014-08-11
[30] US (62/037,440) 2014-08-14
[30] US (62/078,732) 2014-11-12

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[51] **Int.Cl. A47L 15/50 (2006.01)**
[25] EN
[54] **HOLDING ASSEMBLY**
[54] **ENSEMBLE DE MAINTIEN**
[72] MESA, DANIEL, SE
[72] HEDERSTIERNA, RICKARD, SE
[71] ELECTROLUX APPLIANCES AKTIEBOLAG, SE
[85] 2017-01-05
[86] 2014-09-01 (PCT/EP2014/068527)
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[51] **Int.Cl. E21B 47/022 (2012.01) E21B 47/09 (2012.01) G01V 3/18 (2006.01)**
[25] EN
[54] **WELL RANGING APPARATUS, SYSTEMS, AND METHODS**
[54] **APPAREIL, SYSTEMES ET PROCEDES DE TELEMETRIE DE PUITS**
[72] ROBERSON, BRIAN, US
[72] WU, HSU-HSIANG, US
[72] BESTE, RANDAL THOMAS, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-01-04
[86] 2015-08-04 (PCT/US2015/043566)
[87] (WO2016/025232)
[30] US (62/035,877) 2014-08-11
[30] US (62/037,440) 2014-08-14
[30] US (62/078,732) 2014-11-12

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[51] **Int.Cl. F16L 55/11 (2006.01)**
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[54] **CLOSURE ELEMENT**
[54] **ELEMENT DE FERMETURE**
[72] KRAUER, JURG, CH
[72] HOLLINGER, ROBERT, CH
[71] SFC KOENIG AG, CH
[85] 2017-01-04
[86] 2014-07-18 (PCT/EP2014/065495)
[87] (WO2016/008539)

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[51] **Int.Cl. C07D 307/48 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING FURFURAL FROM BIOMASS**
[54] **PROCEDE PERMETTANT DE PREPARER DU FURFURAL A PARTIR D'UNE BIOMASSE**
[72] CHHEDA, JUBEN NEMCHAND, US
[72] LANGE, JEAN PAUL ANDRE MARIE JOSEPH GISHLAIN, NL
[72] WEIDER, PAUL RICHARD, US
[72] BLACKBOURN, ROBERT LAWRENCE, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2017-01-04
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[87] (WO2016/025678)
[30] US (62/037,190) 2014-08-14

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[51] **Int.Cl. G03F 1/62 (2012.01) G03F 7/20 (2006.01)**
[25] EN
[54] **MEMBRANES FOR USE WITHIN A LITHOGRAPHIC APPARATUS AND A LITHOGRAPHIC APPARATUS COMPRISING SUCH A MEMBRANE**
[54] **MEMBRANES A UTILISER DANS UN APPAREIL LITHOGRAPHIQUE ET APPAREIL LITHOGRAPHIQUE COMPRENANT UNE TELLE MEMBRANE**
[72] NIKIPELOV, ANDREY ALEXANDROVICH, NL
[72] BANINE, VADIM YEVGENYEVICH, NL
[72] BENSCHOP, JOZEF PETRUS HENRICUS, NL
[72] BOOGAARD, ARJEN, NL
[72] DHALLUIN, FLORIAN DIDIER ALBIN, NL
[72] KUZNETSOV, ALEXEY SERGEEVICH, NL
[72] PETER, MARIA, NL
[72] SCACCABAROZZI, LUIGI, NL
[72] VAN DER ZANDE, WILLEM JOAN, NL
[72] VAN ZWOL, PIETER-JAN, NL
[72] YAKUNIN, ANDREI MIKHAILOVICH, NL
[71] ASML NETHERLANDS B.V., NL
[85] 2017-01-04
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[87] (WO2016/001351)
[30] EP (14175835.9) 2014-07-04
[30] EP (15169657.2) 2015-05-28

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[51] **Int.Cl. C07D 307/48 (2006.01)**
[25] EN
[54] **CLOSED-LOOP PRODUCTION OF FURFURAL FROM BIOMASS**
[54] **PRODUCTION EN BOUCLE FERMEE DE FURFURAL A PARTIR DE BIOMASSE**
[72] CHHEDA, JUBEN NEMCHAND, US
[72] LANGE, JEAN PAUL ANDRE MARIE JOSEPH GISHLAIN, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2017-01-04
[86] 2015-08-13 (PCT/US2015/044994)
[87] (WO2016/025679)
[30] US (62/037,171) 2014-08-14

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[51] **Int.Cl. G06F 17/22 (2006.01) G06F 17/27 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR IDENTIFYING AND SUGGESTING EMOTICONS**
[54] **SYSTEME ET PROCEDE D'IDENTIFICATION ET DE SUGGESTION D'EMOTICONES**
[72] LEYDON, GABRIEL, US
[72] BOJJA, NIKHIL, US
[71] MACHINE ZONE, INC., US
[85] 2017-01-05
[86] 2014-07-07 (PCT/US2014/045580)
[87] (WO2016/007122)

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[13] A1
[51] **Int.Cl. A61J 15/00 (2006.01) A61M 39/02 (2006.01) A61M 39/10 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR TUBING DELIVERY**
[54] **SYSTEMES ET METHODES POUR LA POSE DE TUBES**
[72] BABBS, KELLAN WILLIAM, US
[72] BAIRD, NOLAN HARRINGTON, US
[72] KLINGLER, WAYNE PHILIP, US
[72] HUEMANN, THOMAS JOSEPH, US
[72] GRAZIER, THOMAS PAUL, US
[72] GALITZ, CHARLES MICHAEL, US
[72] GRIDER, KEITH AARON, US
[72] MATUSAITIS, TOMAS ANDRIUS, US
[72] LAU, MICHAEL HONSING, US
[72] BELTON, ANTONIO JUAN, US
[72] GREENE, DANIEL JOSEPH, US
[72] CORRIGAN, SEAN JOEL, US
[71] ABBVIE INC., US
[85] 2017-01-05
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[51] **Int.Cl. A01M 29/12 (2011.01) A01M 29/08 (2011.01) A01N 35/06 (2006.01)**
[25] EN
[54] **ULTRAVIOLET STRATEGY FOR AVIAN REPELLENCY**
[54] **STRATEGIE A BASE D'ULTRAVIOLETS POUR REPOUSSER LES OISEAUX**
[72] WERNER, SCOTT J., US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICULTURE, US
[85] 2017-01-05
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[30] US (62/021,393) 2014-07-07

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[51] **Int.Cl. E21B 33/10 (2006.01) E21B 33/12 (2006.01)**
[25] EN
[54] **GAS RESPONSIVE MATERIAL FOR SWELLABLE PACKERS**
[54] **MATERIAU SENSIBLE AUX GAZ POUR DES GARNITURES D'ETANCHEITE GONFLABLES**
[72] MUTHUSAMY, RAMESH, IN
[72] SABHAPONDIT, ANUPOM, IN
[72] PATIL, SANDIP PRABHAKAR, IN
[72] PATIL, RAHUL CHANDRAKANT, IN
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[13] A1
[51] **Int.Cl. E06B 9/50 (2006.01) E06B 9/42 (2006.01)**
[25] EN
[54] **DEVICE FOR STOPPING, RELEASING AND RESTORING THE POSITION OF ROLLER-TYPE WINDOW NETS**
[54] **DISPOSITIF POUR ARRETER, RELACHER ET RETABLIR LA POSITION D'ECRANS DE FENETRE DU TYPE A ENROULEMENT**
[72] BRIOSCHI, ROBERTO, IT
[71] FANDIS S.P.A., IT
[85] 2017-01-05
[86] 2014-07-08 (PCT/IT2014/000181)
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[51] **Int.Cl. F24F 13/22 (2006.01) F24F 13/30 (2006.01)**
[25] EN
[54] **AIR-CONDITIONING MACHINE**
[54] **MACHINE DE CONDITIONNEMENT D'AIR**
[72] KAWANORI, YUKIHIKO, JP
[72] YAMAMOTO, KEIICHI, JP
[72] TSUTSUMI, HIROSHI, JP
[72] UEYAMA, AYAKA, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
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[51] **Int.Cl. C23C 24/08 (2006.01)**
[25] EN
[54] **METHOD OF MAKING OBJECTS INCLUDING ONE OR MORE CARBIDES**
[54] **PROCEDE DE FABRICATION D'OBJETS COMPRENANT UN OU PLUSIEURS CARBURES**
[72] SURJAATMADJA, JIM BASUKI, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-01-05
[86] 2014-08-07 (PCT/US2014/050186)
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[51] **Int.Cl. C02F 5/08 (2006.01) C02F 5/00 (2006.01)**
[25] EN
[54] **SCALE INHIBITOR, SCALE-INHIBITING DEVICE USING THE SAME, AND SCALE-INHIBITING SYSTEM**
[54] **ANTI-TARTRE, DISPOSITIF D'INHIBITION D'ENTARTRAGE L'UTILISANT ET SYSTEME D'INHIBITION D'ENTARTRAGE**
[72] HASHIDA, TAKASHI, JP
[72] YAMADA, MUNETO, JP
[71] PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD., JP
[85] 2017-01-05
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[25] EN
[54] **ENVIRONMENTALLY ACCEPTABLE, LOW TEMPERATURE GEL BREAKING SYSTEM**
[54] **SYSTEME DE RUPTURE DE GEL A BASSE TEMPERATURE, ACCEPTABLE POUR L'ENVIRONNEMENT**
[72] SALLA, RAJENDER, IN
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-01-05
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[51] **Int.Cl. B60R 11/02 (2006.01) G09F 9/00 (2006.01) H05K 7/20 (2006.01)**
[25] EN
[54] **DISPLAY UNIT FOR VEHICLE AND DISPLAY CONTROL UNIT**
[54] **UNITE D'AFFICHAGE POUR VEHICULE, ET UNITE DE COMMANDE D'AFFICHAGE**
[72] UEYAMA, KENGO, JP
[71] DENSO CORPORATION, JP
[85] 2017-01-05
[86] 2015-10-12 (PCT/JP2015/005159)
[87] (WO2016/063487)
[30] JP (2014-216435) 2014-10-23

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[51] **Int.Cl. C07D 231/14 (2006.01) A01N 43/46 (2006.01) A61K 31/415 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF 3-(3-CHLORO-1H-PYRAZOL-1-YL)PYRIDINE**
[54] **PROCEDE POUR LA PREPARATION DE 3-(3-CHLORO-1H-PYRAZOL-1-YL) PYRIDINE**
[72] LI, XIAOYONG, US
[72] YANG, QIANG, US
[72] ROTH, GARY, US
[72] LORSBACH, BETH, US
[71] DOW AGROSCIENCES LLC, US
[85] 2017-01-05
[86] 2014-10-17 (PCT/US2014/061006)
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[51] **Int.Cl. A61K 31/737 (2006.01) A61K 9/06 (2006.01) A61K 9/08 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **THERAPEUTIC AGENT FOR KERATOCONJUNCTIVE DISORDER**
[54] **AGENT THERAPEUTIQUE POUR SOIGNER DES TROUBLES KERATOCONJONCTIFS**
[72] KANEKO, SHINICHIRO, JP
[72] SASAOKA, MASAAKI, JP
[72] NAGANO, TAKASHI, JP
[72] SHIRAE, SATOSHI, JP
[71] SANTEN PHARMACEUTICAL CO., LTD., JP
[85] 2017-01-05
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[51] **Int.Cl. G01N 21/25 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR GEOMETRIC REFERENCING OF MULTI-SPECTRAL DATA**
[54] **PROCEDE ET SYSTEME DE MISE EN REFERENCE GEOMETRIQUE DE DONNEES MULTISPECTRALES**
[72] MICHIELS, BART, BE
[72] DELAURE, BAVO, BE
[72] LIVENS, STEFAN, BE
[71] VITO NV, BE
[85] 2017-01-05
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[30] US (62/021,292) 2014-07-07

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[51] **Int.Cl. E21B 47/01 (2012.01) G01V 3/18 (2006.01) G01V 3/26 (2006.01)**
[25] EN
[54] **MAGNETOMETER MOUNTING FOR ISOLATION AND INTERFERENCE REDUCTION**
[54] **MONTAGE DE MAGNETOMETRE POUR L'ISOLATION ET LA REDUCTION DU BROUILLAGE**
[72] FARRAH, JOHN HARRISON, US
[72] PRAKASH, ANAND, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-01-05
[86] 2015-04-30 (PCT/US2015/028495)
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[51] **Int.Cl. G05B 15/02 (2006.01) H04W 4/22 (2009.01) G08B 13/00 (2006.01) G08B 17/10 (2006.01)**
[25] EN
[54] **APPLIANCE DEVICE INTEGRATION WITH ALARM SYSTEMS**
[54] **INTEGRATION DE DISPOSITIFS D'APPAREILS AVEC DES SYSTEMES D'ALARME**
[72] HART, DOUGLAS E., US
[72] FARRAND, TOBIN E., US
[72] BRYAN, DAVID A., US
[71] OOMA, INC., US
[85] 2017-01-05
[86] 2015-06-03 (PCT/US2015/034054)
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[51] **Int.Cl. A63F 1/00 (2006.01) A63F 13/00 (2014.01)**
[25] EN
[54] **CASINO BLACKJACK BONUS POKER BET TRIGGERED BY DEALER HAND**
[54] **MISE DE POKER AVEC BONUS DE BLACKJACK DE CASINO LANCEE PAR LA MAIN DU CROUPIER**
[72] LADUCA, RONALD, US
[72] FISHON, TODD, US
[71] LADUCA, RONALD, US
[71] FISHON, TODD, US
[85] 2017-01-05
[86] 2015-05-04 (PCT/US2015/029102)
[87] (WO2016/007213)
[30] US (61/998,825) 2014-07-09
[30] US (14/548,227) 2014-11-19

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[51] **Int.Cl. G06F 17/50 (2006.01) G05D 1/06 (2006.01) G05D 1/10 (2006.01)**
[25] EN
[54] **VIDEO-ASSISTED LANDING GUIDANCE SYSTEM AND METHOD**
[54] **PROCEDE ET SYSTEME D'AIDE A L'ATTERRISSAGE ASSISTES PAR VIDEO**
[72] MAESTAS, AARON, US
[72] KARLOV, VALERI I., US
[72] HULSMANN, JOHN D., US
[71] RAYTHEON COMPANY, US
[85] 2017-01-05
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[30] US (14/447,958) 2014-07-31

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[51] **Int.Cl. E05B 67/06 (2006.01) E05B 67/18 (2006.01) E05B 67/22 (2006.01)**
[25] EN
[54] **HOOP LOCK WITH DUAL LOCKING**
[54] **ARCEAU A DOUBLE VERROUILLAGE**
[72] KINDSTRAND, DANIEL HUGH, US
[72] RAMAKRISHNA, MANJUNATHA, IN
[71] SCHLAGE LOCK COMPANY LLC, US
[85] 2017-01-05
[86] 2015-06-12 (PCT/US2015/035575)
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[30] US (62/011,470) 2014-06-12

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[51] **Int.Cl. C12N 15/10 (2006.01) C12M 1/34 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **PHENOTYPIC CHARACTERIZATION AND IN SITU GENOTYPING OF A LIBRARY OF GENETICALLY DIFFERENT CELLS**
[54] **CARACTERISATION PHENOTYPIQUE ET GENOTYPAGE IN SITU D'UNE BIBLIOTHEQUE DE CELLULES GENETIQUEMENT DIFFERENTES**
[72] ELF, JOHAN, SE
[72] OHMAN, OVE, SE
[72] CHURCH, GEORGE, US
[71] ELF, JOHAN, SE
[85] 2017-01-05
[86] 2015-02-27 (PCT/SE2015/050227)
[87] (WO2016/007063)
[30] SE (1450860-0) 2014-07-07

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[51] **Int.Cl. H04W 48/08 (2009.01) H04W 88/02 (2009.01)**
[25] EN
[54] **METHOD FOR PERFORMING INTER PLMN DISCOVERY BY A USER EQUIPMENT (UE) IN DEVICE-TO-DEVICE (D2D) COMMUNICATION**
[54] **PROCEDE POUR EFFECTUER UNE DECOUVERTE INTER-PLMN PAR UN EQUIPEMENT UTILISATEUR (UE) EN COMMUNICATION DE DISPOSITIF A DISPOSITIF (D2D)**
[72] AGIWAL, ANIL, IN
[72] CHANG, YOUNG-BIN, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2017-01-05
[86] 2015-07-08 (PCT/KR2015/007072)
[87] (WO2016/006929)
[30] IN (3374/CHE/2014) 2014-07-08
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[51] **Int.Cl. E21B 47/09 (2012.01) E21B 33/13 (2006.01) G01V 9/00 (2006.01)**
[25] EN
[54] **WELL RANGING APPARATUS, METHODS, AND SYSTEMS**
[54] **APPAREIL DE TELEMETRIE DE PUITS, PROCEDES, ET SYSTEMES**
[72] WU, HSU-HSIANG, US
[72] FAN, YIJING, SG
[72] AHMADI KALATEH AHMAD, AKRAM, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[87] (WO2016/022190)
[30] US (62/035,076) 2014-08-08

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[51] **Int.Cl. A01N 43/42 (2006.01)**
[25] EN
[54] **SUBLINGUAL NALOXONE SPRAY**
[54] **AEROSOL SUBLINGUAL DE NALOXONE**
[72] AMANCHA, KIRAN, US
[72] CHILAMPALLI, SHIVANI, US
[72] POTTA, THRIMOORTHY, US
[72] YAN, NINGXIN, US
[72] GOSKONDA, VENKAT R., US
[71] INSYS PHARMA, INC., US
[85] 2017-01-05
[86] 2015-06-04 (PCT/US2015/034138)
[87] (WO2016/007245)
[30] US (62/022,041) 2014-07-08

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[51] **Int.Cl. C07D 321/06 (2006.01) A61K 31/357 (2006.01) A61K 36/80 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **A NOVEL COMPOUND ISOLATED FROM PSEUDOLYSIMACHION ROTUNDUM VAR. SUBINTEGRUM CONTAINING ABUNDANT AMOUNT OF ACTIVE INGREDIENT, THE COMPOSITION COMPRISING THE SAME FOR PREVENTING OR TREATING ALLERGY DISEASE, INFLAMMATORY DISEASE, ASTHMA OR CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND THE USE THEREOF**
[54] **NOUVEAU COMPOSE ISOLE A PARTIR DE PSEUDOLYSIMACHION ROTUNDUM VAR. SUBINTEGRUM CONTENANT UNE QUANTITE ABONDANTE D'INGREDIENT ACTIF, COMPOSITION LE COMPRENANT POUR LA PREVENTION OU LE TRAITEMENT D'UNE MALADIE ALLERGIQUE, D'UNE MALADIE INFLAMMATOIRE, DE L'ASTHME OU D'UNE MALADIE PULMONAIRE OBSTRUCTIVE CHRONIQUE ET LEUR UTILISATION**
[72] LEE, YONGNAM, KR
[72] YOO, JI-SEOK, KR
[72] SHIN, DAE-HEE, KR
[72] RYOO, BYUNG-HWAN, KR
[72] OH, SEI-RYANG, KR
[72] AHN, KYUNG-SEOP, KR
[72] LEE, HYEONG-KYU, KR
[72] LEE, SU UI, KR
[72] SONG, HYUK-HWAN, KR
[72] SHIN, IN-SIK, KR
[72] RYU, HYUNG WON, KR
[71] KOREA RESEARCH INSTITUTE OF BIOSCIENCE AND BIOTECHNOLOGY, KR
[71] YUNGJIN PHARMACEUTICAL CO., LTD., KR
[85] 2017-01-05
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[30] KR (10-2014-0094023) 2014-07-24

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[25] EN
[54] **VALVE STOP RETAINER DEVICE**
[54] **DISPOSITIF DE RETENUE DE BUTEE DE SOUPAPE**
[72] MORREALE, JOHN D., US
[72] SMITH, JASON, US
[71] FMC TECHNOLOGIES, INC., US
[85] 2017-01-04
[86] 2014-07-11 (PCT/US2014/046390)
[87] (WO2016/007174)

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[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 50/10 (2012.01) G06Q 50/30 (2012.01)**
[25] EN
[54] **MAINTAINING A LIMITED USER PROFILE FOR SOCIAL NETWORKING SYSTEM USERS UNABLE TO ESTABLISH A USER PROFILE**
[54] **MAINTIEN D'UN PROFIL D'UTILISATEUR LIMITE POUR DES UTILISATEURS DE SYSTEME DE RESEAUTAGE SOCIAL INCAPABLES D'ETABLIR UN PROFIL D'UTILISATEUR**
[72] HOLSON, BENJAMIN MICHAEL, US
[72] BARAK, DAN, US
[71] FACEBOOK, INC., US
[85] 2017-01-05
[86] 2015-06-12 (PCT/US2015/035483)
[87] (WO2016/007256)
[30] US (14/329,670) 2014-07-11

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[51] **Int.Cl. C12M 1/34 (2006.01) B01L 3/00 (2006.01) C12N 1/04 (2006.01)**
[25] EN
[54] **MICROFLUIDIC DEVICE**
[54] **DISPOSITIF MICROFLUIDIQUE**
[72] ELF, JOHAN, SE
[72] BALTEKIN, OZDEN, SE
[72] ANDERSSON, DAN I., SE
[71] ELF, JOHAN, SE
[85] 2017-01-05
[86] 2015-06-12 (PCT/SE2015/050685)
[87] (WO2016/007068)
[30] SE (1450860-0) 2014-07-07
[30] SE (PCT/SE2015/050227) 2015-02-27

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[51] **Int.Cl. A61K 47/32 (2006.01) A61C 13/00 (2006.01) A61K 38/18 (2006.01) A61L 27/58 (2006.01)**
[25] EN
[54] **ZWITTERIONIC HYDROGELS FOR DELIVERY OF BIOMOLECULES**
[54] **HYDROGELS ZWITTERIONIQUES POUR L'ADMINISTRATION DE MOLECULES BIOLOGIQUES**
[72] SONG, JIE, US
[72] LIU, PINGSHENG, US
[71] UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL, US
[85] 2017-01-05
[86] 2015-07-06 (PCT/US2015/039227)
[87] (WO2016/007424)
[30] US (62/022,187) 2014-07-08

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[51] **Int.Cl. F03G 7/08 (2006.01) B60J 5/00 (2006.01) H02J 7/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR A LINEAR BASED CHARGER AND A WIRELESS CHARGER**
[54] **SYSTEME ET PROCEDE POUR UN CHARGEUR BASE SUR UN MOUVEMENT LINEAIRE ET UN CHARGEUR SANS FIL**
[72] OSTENDORF, SHAWN, US
[72] MALINOWSKI, JEFFREY, US
[72] SCHUMACHER, ANDREW, US
[71] RYTEC CORPORATION, US
[85] 2017-01-05
[86] 2015-07-01 (PCT/US2015/038884)
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[30] US (62/021,867) 2014-07-08
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[51] **Int.Cl. H04N 19/10 (2014.01)**
[25] EN
[54] **AN UNIVERSAL VIDEO CODEC**
[54] **CODEC VIDEO UNIVERSEL**
[72] BAR-ON, ILAN, IL
[72] KOSTENKO, OLEG, IL
[71] NUMERI LTD., IL
[85] 2017-01-05
[86] 2015-06-24 (PCT/IB2015/054735)
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[25] EN
[54] **ANTIMICROBIAL ACTUATOR FOR OPENING THE SIDE PORT OF A PORTED CATHETER**
[54] **ACTIONNEUR ANTIMICROBIEN POUR OUVRIR L'ORIFICE LATERAL D'UN CATHETER A ORIFICES**
[72] HARDING, WESTON F., US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2017-01-05
[86] 2015-07-06 (PCT/US2015/039262)
[87] (WO2016/007440)
[30] US (14/326,072) 2014-07-08

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[51] **Int.Cl. H01M 6/32 (2006.01)**
[25] EN
[54] **BATTERY**
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[72] BAKKER, NIELS, CN
[71] PATENT TECHNOLOGY TRADING LIMITED, CN
[85] 2017-01-05
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[30] HK (14106838.7) 2014-07-07

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[51] **Int.Cl. A61K 31/196 (2006.01)**
[25] EN
[54] **DICLOFENAC SUBLINGUAL SPRAY**
[54] **PULVERISATION SUBLINGUALE DE DICLOFENAC**
[72] VANGARA, KIRAN KUMAR, US
[72] BOCKENSTEDT, DANIELA, US
[72] YAN, NINGXIN, US
[72] PANDYA, RAJESH, US
[72] GOSKONDA, VENKAT R., US
[71] INSYS PHARMA, INC., US
[85] 2017-01-05
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[87] (WO2016/007446)
[30] US (62/022,049) 2014-07-08

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[51] **Int.Cl. C07F 9/6561 (2006.01) A61K 31/675 (2006.01) A61P 31/18 (2006.01) A61P 31/20 (2006.01)**
[25] EN
[54] **NEW POLYCRYSTALLINE FORM OF TENOFOVIR PRODRUG, AND PREPARATION METHOD AND APPLICATION THEREFOR**
[54] **NOUVELLE FORME POLYCRISTALLINE D'UN PROMEDICAMENT DU TENOFOVIR, SON PROCEDE DE PREPARATION ET SON APPLICATION**
[72] CHEN, MING, CN
[72] TIAN, CHENGYAO, CN
[72] ZHAO, MINGLI, CN
[72] YU, JUN, CN
[72] YANG, BAOHAI, CN
[72] LU, AIFENG, CN
[71] JIANGSU HANSOH PHARMACEUTICAL GROUP CO., LTD., CN
[85] 2017-01-05
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[30] CN (201410349141.4) 2014-07-21

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[54] **COMPOSITION D'ADJUVANT COMPRENANT DU CHLORURE DE CHOLINE OU DU PHOSPHATE DE POTASSIUM (DIBASIQUE) EN TANT QU'INHIBITEUR D'HYDRATATION**
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[72] IANNOTTA, LEAHANN, US
[72] RUCH, THOMAS, US
[71] RHODIA OPERATIONS, FR
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[72] PALMER, NOEL ERWIN, US
[71] MM TECHNOLOGY HOLDINGS, LLC, US
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[54] **INTEGRATED SAMPLING AND DETECTING DEVICE WITH MISASSEMBLY PREVENTION STRUCTURE**
[54] **DISPOSITIF INTEGRE DE COLLECTE ET DE DETECTION DOTE D'UNE STRUCTURE DE PREVENTION DE MONTAGE ERRONE**
[72] WAN, JOHN, CN
[72] XIA, QINGHAI, CN
[72] HOU, PANPAN, CN
[72] LIU, JIE, CN
[71] W.H.P.M. BIORESEARCH AND TECHNOLOGY CO., LTD., CN
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[54] **RESEAU DE DISTRIBUTION DE CONTENU PRIVE**
[72] MCKNIGHT, GREGORY JOSEPH, US
[72] GAUTHIER, DAVID THOMAS, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **SUBSTITUTED 2-THIOXO-IMIDAZOLIDIN-4-ONES AND SPIRO ANALOGUES THEREOF, ACTIVE ANTI-CANCER INGREDIENT, PHARMACEUTICAL COMPOSITION, MEDICINAL PREPARATION, METHOD FOR TREATING PROSTATE CANCER**
[54] **2-THIOXO-IMIDAZOLIDINE-4-ONES SUBSTITUES ET LEUR SPIRO-ANALOGUES, COMPOSANT ACTIF ANTICANCEREUX, COMPOSITION PHARMACEUTIQUE, PREPARATION MEDICAMENTEUSE ET PROCEDE DE TRAITEMENT DUCANCER DE LA PROSTATE**
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[71] R-PHARM OVERSEAS INC., US
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[54] **VESTE MILITAIRE ET BOUCLE A OUVERTURE RAPIDE A CONNECTEURS ELECTRIQUES**
[72] CURTIN, JIM, US
[72] GLEASON, PAUL, US
[71] MYSTERY RANCH, LTD., US
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[54] **SYSTEME DE JOUET ELECTRONIQUE INTERACTIF BASE DANS L'ESPACE**
[72] WATRY, KRISSA, US
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[54] **SURVOLTEUR POUR COMPTEUR DE SERVICE PUBLIC**
[72] RAMIREZ, ANIBAL DIEGO, US
[71] LANDIS+GYR, INC., US
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[54] **NAVIGATION AVEC FIL-GUIDE POUR SINUPLASTIE**
[72] GOVARI, ASSAF, IL
[72] KESTEN, RANDY J., US
[72] ALTMANN, ANDRES C., IL
[72] JENKINS, THOMAS R., US
[72] GLINER, VADIM, IL
[71] ACCLARENT, INC., US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
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[72] KERWIN, KEVIN R., US
[71] ARKK ENGINEERING, US
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[54] **CONTENANT SOUPLE AVEC ACCESSOIRE ET SON PROCESSUS DE PRODUCTION**
[72] PEREIRA, BRUNO R., BR
[72] FRANCA, MARCOS P., BR
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **CELLULES MODIFIEES POUR THERAPIE CELLULAIRE ADOPTIVE**
[72] MOHLER, KENDALL M., US
[72] LEVITSKY, HYAM I., US
[71] JUNO THERAPEUTICS, INC., US
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[54] **MELANGES FONGICIDES SYNERGIQUES DESTINES A LUTTER CONTRE LES CHAMPIGNONS DANS LES CEREALES**
[72] SCHULZ, THOMAS, DE
[71] DOW AGROSCIENCES LLC, US
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[54] **SYSTEMS AND METHODS FOR TUBING DELIVERY**
[54] **SYSTEMES ET PROCEDES POUR POSE DE TUBE**
[72] BABBS, KELLAN WILLIAM, US
[72] BAIRD, NOLAN HARRINGTON, III, US
[72] KLINGLER, WAYNE PHILIP, US
[72] HUEMANN, THOMAS JOSEPHG, US
[72] GRAZIER, THOMAS PAUL, US
[72] GALITZ, CHARLES MICHAEL, US
[72] GRIDER, KEITH AARON, US
[72] MATUSAITIS, TOMAS ANDRIUS, US
[72] LAU, MICHAEL HONSING, US
[72] BELTON, ANTONIO JUAN, US
[72] GREENE, DA[illegible] JOSEPH, US
[72] CORRIGAN, SEAN JOEL, US
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[54] **TIGE DE FORAGE PRESENTANT DES PARTIES FAISANT SAILLIE VERS L'INTERIEUR**
[72] DRENTH, CHRISTOPHER L., CA
[72] HOGAN, JEFF, CA
[71] BLY IP INC., US
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[54] **MOLECULES HAVING CERTAIN PESTICIDAL UTILITIES, INTERMEDIATES, COMPOSITIONS, AND PROCESSES, RELATED THERETO**
[54] **MOLECULES AYANT CERTAINES FONCTIONNALITES PESTICIDES, INTERMEDIAIRES, COMPOSITIONS ET PROCEDES CORRESPONDANT**
[72] BAUM, ERICH W., US
[72] FISCHER, LINDSEY G., US
[72] CROUSE, GARY D., US
[72] SPARKS, THOMAS C., US
[72] GIAMPIETRO, NATALIE C., US
[72] DENT, WILLIAM, III, US
[72] NIYAZ, NOORMOHAMED M., US
[72] PETKUS, JEFF, US
[72] DEMETER, DAVID A., US
[72] LAMBERT, WILLIAM THOMAS, US
[72] MCLEOD, CASANDRA L., US
[72] RIGSBEE, EMILY MARIE, US
[72] RENGA, JAMES M., US
[71] DOW AGROSCIENCES LLC, US
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[72] CAPLIN, BRIAN, US
[72] HICKE, BRIAN, US
[72] GREEN, BRYSON, US
[71] FLUORESENTRIC, INC., US
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[54] **MILIEU FIBREUX A SURFACE ELEVEE AVEC ELEMENTS DE SURFACE NANOFIBRILLES**
[72] AMARA, JOHN PAUL, US
[72] BOYLE, JOHN, US
[72] YAVORSKY, DAVID, US
[72] CACACE, BENJAMIN, US
[71] EMD MILLIPORE CORPORATION, US
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[54] **ANCRAGE DE VALVULE MITRALE**
[72] KARAPETIAN, EMIL, US
[72] BLY, AUSTIN, US
[72] ROWE, STANTON J., US
[71] EDWARDS LIFESCIENCES CORPORATION, US
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[54] **PROCEDE ET SYSTEME POUR AJUSTER UN MOTIF LUMINEUX POUR IMAGERIE LUMINEUSE STRUCTUREE**
[72] RAZ, GUY, IL
[71] FACEBOOK, INC., US
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[54] **APPAREIL DE DISTILLATION SOUS VIDE**
[72] SANAGOOY MOHARRER, MOHAMMAD ALI, AU
[71] PLANET H2O PTY LTD, AU
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[54] **METHOD OF FORMING AN ELECTRONIC DEVICE ON A FLEXIBLE SUBSTRATE**
[54] **PROCEDE DE FORMATION D'UN DISPOSITIF ELECTRONIQUE SUR UN SUBSTRAT SOUPLE**
[72] MAYORGA MARTINEZ, CARMEN CLOTILDE, SG
[72] BAPTISTA PIRES, LUIS MIGUEL, ES
[72] MERKOCI HYKA, ARBEN, ES
[71] FUNDACIO INSTITUT CATALA DE NANOCIENCIA I NANOTECNOLOGIA, ES
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[54] **PROCEDE ET SYSTEME DE CRYO-ABLATION**
[72] MAHROUCHE, RACHID, CA
[72] WITTENBERGER, DAN, CA
[71] MEDTRONIC CRYOCATH LP, CA
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[54] **METHODS AND SYSTEM FOR PASSIVATION MEASUREMENTS AND MANAGEMENT**
[54] **PROCEDES ET SYSTEME POUR MESURES DE PASSIVATION ET GESTION**
[72] LAPOINTE, PATRICK, CA
[72] SOMERS, PIERRE, CA
[71] WALTER SURFACE TECHNOLOGIES INC., CA
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[54] **METHOD AND SYSTEM FOR COLOR GAMUT EXPANSION IN PRINT**
[54] **PROCEDE ET SYSTEME POUR UNE EXTENSION DE GAMME DE COULEURS DANS UNE IMPRESSION**
[72] KYAN, MATTHEW JAMES, CA
[72] MAHFOOTH, NAWAR BADIE FDHAL, CA
[72] SIBILIA, MORDECHAI MARK, CA
[71] KYAN, MATTHEW JAMES, CA
[71] MAHFOOTH, NAWAR BADIE FDHAL, CA
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[54] **PAROI D'ENCEINTE REFROIDIE RESISTANT AUX FUITES, CAPABLE DE REDONDANCE ET ROBUSTE**
[72] DAVIDSON, NIALL THOMAS, GB
[71] ADC TECHNOLOGIES INC., CA
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[54] **POLYTHERAPIE ASSOCIANT DES PREPARATIONS CELLULAIRES TOLEROGENE ET PRO-INFLAMMATOIRE POUR MODULER LE SYSTEME IMMUNITAIRE**
[72] SCOTT, MARK D., CA
[72] WANG, DUNCHENG, US
[72] TOYOFUKU, WENDY M., CA
[71] CANADIAN BLOOD SERVICES, CA
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[54] **AGENCEMENT DE REFROIDISSEMENT AMELIORE POUR APPAREIL SERVEUR**
[72] DAVIDSON, NIALL THOMAS, GB
[71] ADC TECHNOLOGIES INC., CA
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[54] **DALLES D'HERBE POUR AUGMENTER L'ESPACE VERT VISIBLE**
[72] CASTONGUAY, BERTIN, CA
[72] PENTERMAN, JOHN, CA
[72] EVANS, TAMARA, CA
[72] DECLOS, ROBERT, CA
[71] OLDCASTLE BUILDING PRODUCTS CANADA INC., CA
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[54] **COMPOSITIONS DE THERAPIE COMBINATOIRE ET METHODES DE TRAITEMENT DE CANCERS**
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[71] SHANGHAI BIRDIE BIOTECH, INC., CN
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[54] **ELARGISSEUR COMPORTANT DES BLOCS DE COUPE A EXPANSION RADIALE**
[72] SOLEM, SIGURD, DK
[71] ADVANCETECH APS, DK
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[71] SHANGHAI BIRDIE BIOTECH, INC., CN
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[54] **SYSTEME ET PROCEDE D'IDENTIFICATION D'INFORMATIONS PERTINENTES POUR UNE ENTREPRISE**
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[54] **FIBRE OPTIQUE QUASI-UNIMODALE A FAIBLE PERTE**
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[72] YU, HUANG, CN
[72] CHEN, WEN, CN
[72] DU, CHENG, CN
[72] YU, ZHIQIANG, CN
[72] WANG, DONGXIANG, CN
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[54] **PRODUCTION D'UN PRODUIT DE CAFE INSTANTANE A RENDEMENT ELEVE**
[72] PEDERSEN, ANDERS HOLMEN, DK
[72] SORENSEN, JAKOB KRYGER, DK
[72] HARALDSTED, HENRIK, DK
[71] GEA PROCESS ENGINEERING A/S, DK
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[54] **PRODUCTION BIOTECHNOLOGIQUE DE LNT, LNNT ET LEURS DERIVES FUCOSYLES**
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[72] SPRENGER, GEORG A., DE
[72] ALBERMANN, CHRISTOPH, DE
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[54] **PRODUCTION D'UN EXTRAIT DE CAFE CONSERVANT LES CONSTITUANTS AROMATIQUES**
[72] SORENSEN, JAKOB KRYGER, DK
[72] PEDERSEN, ANDERS HOLMEN, DK
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[54] **IMPROVEMENTS IN AND RELATING TO DEVICES**
[54] **AMELIORATIONS INTERESSANT ET CONCERNANT DES DISPOSITIFS**
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[72] RIMMER, STEPHEN, GB
[72] HOSKINS, RICHARD, GB
[72] MCCULLOCH, DOROTHY, GB
[71] SMITH & NEPHEW PLC, GB
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[54] **MACHINE A FLUX**
[72] NEWMARK, NOAH G., US
[72] COLLINS, STEPHEN M., US
[72] HARWITH, MORGAN R., US
[71] CLEARWATER HOLDINGS, LTD, US
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[54] **COUVERCLE DE RECIPIENT ET CONTENANT DE SACHET DE THE COMBINES ET PROCEDE D'UTILISATION**
[72] HILL, GEORGE ROLAND, GB
[71] CONTRA VISION LIMITED, GB
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[54] **FORME DOSIFIEE DE CAPSULE DE SUCCINATE DE METOPROLOL**
[72] VATS, SANDEEP KUMAR, IN
[72] MONDAL, BALARAM, IN
[72] RAMARAJU, KALAISELVAN, IN
[72] SINGH, ROMI BARAT, IN
[71] SUN PHARMACEUTICAL INDUSTRIES LIMITED, IN
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[54] **PEPTIDES E-MIMETIQUES D'APO AYANT UNE PUISSANCE SUPERIEURE AFIN DE DEGAGER LE TAUX DE CHOLESTEROL PLASMATIQUE**
[72] ANANTHARAMAIAH, GATTADAHALLI M., US
[72] GOLDBERG, DENNIS, US
[71] UAB RESEARCH FOUNDATION, US
[71] LIPIMETIX DEVELOPMENT, LLC, US
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[54] **ENSEMBLE BALLONNET A REPLIEMENT CONTROLE**
[72] TERLIUC, GAD, IL
[72] LURIA, GILAD, IL
[71] SMART MEDICAL SYSTEMS LTD., IL
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[54] **PROCEDE D'ELIMINATION DU SELENIUM ET D'AUTRES CONTAMINANTS**
[72] SHERWOOD, NANCY S., US
[72] LUEBBERS, MATTHEW T., US
[72] CARROLL, REBECCA H., US
[71] FRAZER AND CRUICKSHANK LIVING TRUST DATED 3/24/1982 (THE), US
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[54] **SYSTEME DE BATTERIE ET PROCEDE DE COMMANDE DE SYSTEME DE BATTERIE**
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[72] AKASHI, KOTARO, JP
[72] SAKAI, MASANOBU, JP
[72] NISHIMURA, HIDETAKA, JP
[72] KOBAYASHI, KENJI, JP
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[72] COHEN, DANIEL E., US
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[54] **FIN-AND-TUBE TYPE HEAT EXCHANGER AND WATER HEATER INCLUDING THE SAME**
[54] **ECHANGEUR DE CHALEUR DE TYPE A TUBES ET AILETTES, ET DISPOSITIF D'ALIMENTATION EN EAU CHAUDE EQUIPE DUDIT ECHANGEUR**
[72] OOHIGASHI, TAKESHI, JP
[72] TAKEDA, NOBUHIRO, JP
[72] KONDO, MASAKI, JP
[72] OOSHITA, WATARU, JP
[72] ICHIYAMA, KOSUKE, JP
[72] NOGUCHI, YUKIKO, JP
[71] NORITZ CORPORATION, JP
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[71] ADERANS COMPANY LIMITED, JP
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[54] **PYRIDONE DERIVATIVE HAVING TETRAHYDROPYRANYLMETHYL GROUP**
[54] **DERIVE DE PYRIDONE AYANT UN GROUPE TETRAHYDROPYRANYL METHYLE**
[72] HAGINOYA, NORIYASU, JP
[72] SUZUKI, TAKASHI, JP
[72] HAYAKAWA, MIHO, JP
[72] OTA, MASAHIRO, JP
[72] TSUKADA, TOMOHARU, JP
[72] KOBAYASHI, KATSUHIRO, JP
[72] ANDO, YOSUKE, JP
[72] JIMBO, TAKESHI, JP
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[71] DAIICHI SANKYO COMPANY, LIMITED, JP
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[54] **SYSTEMES ET PROCEDES POUR GERER DES REACTIONS INDESIRABLES DANS DES PROCEDURES MEDICALES UTILISANT DES MILIEUX DE CONTRASTE**
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[72] MRUTHIK, SRIKANTH, US
[71] BAYER HEALTHCARE LLC, US
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[54] **APPARATUS FOR DELIVERING AIR THROUGH POWERED AXLE ASSEMBLIES**
[54] **APPAREIL POUR DISTRIBUER DE L'AIR A L'AIDE D'ENSEMBLES D'ESSIEU ENTRAINES**
[72] INGRAM, ANTHONY L., US
[72] BERKNESS, KYLE J., US
[72] BERKNESS, PHILIP K., US
[71] AIRGO IP, LLC, US
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[54] **NOUVEAU SEL DE TENOFOVIR DISOPROXIL**
[72] PYUN, DO-KYU, KR
[72] LEE, WON-KYOUNG, KR
[72] PARK, SU-HA, KR
[71] JW PHARMACEUTICAL CORPORATION, KR
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[54] **APPAREIL POUR EMETTRE UN SIGNAL DE DIFFUSION ET PROCEDE POUR EMETTRE UN SIGNAL DE DIFFUSION A L'AIDE D'UN MULTIPLEXAGE PAR REPARTITION EN COUCHES**
[72] PARK, SUNG-IK, KR
[72] KWON, SUN-HYOUNG, KR
[72] KIM, JEONG-CHANG, KR
[72] LEE, JAE-YOUNG, KR
[72] KIM, HEUNG-MOOK, KR
[72] HUR, NAM-HO, KR
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[71] R&DB FOUNDATION, KOREA MARITIME AND OCEAN UNIVERSITY, KR
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[72] DAMBERG, PETER-THOMAS, DK
[71] RAACO A/S, DK
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[54] **MILIEU ET PROCEDE DE CULTURE D'EMBRYONS**
[72] GILBERT, REBECCA, US
[72] NI, HSIAO-TZU, US
[72] HWAN, SUH-FON, US
[71] IRVINE SCIENTIFIC SALES COMPANY, INC., US
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[54] **REGULATION DE PROCEDES EN BIOREACTEUR**
[72] COLLET, CHRISTOPHE, US
[72] WATERS, GUY WILLIAM, US
[72] BROMLEY, JASON CARL, US
[72] YANG, JUSTIN YI, US
[72] WILSON, JAROD NATHAN, US
[71] LANZATECH NEW ZEALAND LIMITED, NZ
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[54] **UTILISATION DE FEUILLE DE COCA OU DE RACINE DE VALERIANE POUR REDUIRE L'AMERTUME DANS DES ALIMENTS CONTENANT DU CACAO NON SUCRE**
[72] AHARONIAN, GREGORY, US
[71] AHARONIAN, GREGORY, US
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[54] **METHODS AND APPARATUS FOR IMPROVED LOW ENERGY DATA COMMUNICATIONS**
[54] **PROCEDES ET APPAREIL PERMETTANT D'AMELIORER DES COMMUNICATIONS DE DONNEES A FAIBLE ENERGIE**
[72] SWANZEY, TODD, US
[72] STEFKOVIC, GREG R., US
[72] FU, QIANG, US
[72] WU, MU, US
[71] ASCENSIA DIABETES CARE HOLDINGS AG, CH
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[54] **DISPOSITIF DE POSITIONNEMENT DE COTYLE PROTHETIQUE ET PROCEDE ASSOCIE**
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[71] TERMANINI, ZAFER, US
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[25] EN
[54] **IMPROVED DEVICE PAIRING TAKING INTO ACCOUNT AT LEAST ONE CONDITION**
[54] **APPARIEMENT AMELIORE DE DISPOSITIF PRENANT EN COMPTE AU MOINS UNE CONDITION**
[72] FU, QIANG, US
[72] MARKOVIC, ALEXANDER, US
[72] ANSTETT, JOSEPH R., JR. (DECEASED), US
[72] MILENKOVIC, VLADISLAV, US
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[25] EN
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[54] **SYSTEME ET PROCEDE DE TRANSMISSION DE DONNEES OPERATIONNELLES, SANS FIL, D'UN ENDOSCOPE A UN DISPOSITIF DISTANT**
[72] WILLIAMS, DAWN R., US
[71] INTEGRATED MEDICAL SYSTEMS INTERNATIONAL, INC., US
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[54] **DETECTION DE MEDICAMENT INVIOLABLE AUTO-ADMINISTRE**
[72] KANUKURTHY, KIRAN S., US
[72] MOORE, MATTHEW D., US
[72] RAJAGOPAL, RAJ, US
[72] HAMERLY, MICHAEL E., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **SEQUENCES HCBI, MSBI, MSSI ET CMI UTILISABLES EN TANT QUE MARQUEURS PRECOCES DU FUTUR DEVELOPPEMENT D'UN CANCER ET DE MALADIES DU SNC ET EN TANT QUE CIBLES POUR LE TRAITEMENT ET LA PREVENTION DE CES MALADIES**
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[72] ZUR HAUSEN, HARALD, DE
[72] GUNST, KARIN, DE
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[54] **ANALYSE COMPUTATIONNELLE DE DONNEES BIOLOGIQUES AU MOYEN D'UN COLLECTEUR ET D'UN HYPERPLAN**
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[72] OVED, KFIR, IL
[72] NAVON, ROY, IL
[72] COHEN-DOTAN, ASSAF, IL
[72] BOICO, OLGA, IL
[71] MEMED DIAGNOSTICS LTD., IL
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[54] **RESINE ECHANGEUSE D'IONS ET PROCEDE D'ADSORPTION ET DE SEPARATION D'UN METAL**
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[72] KUBOTA, FUKIKO, JP
[71] KYUSHU UNIVERSITY, NATIONAL UNIVERSITY CORPORATION, JP
[71] SUMITOMO METAL MINING CO., LTD., JP
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[54] **STERIC NET-LIKE FIBER AGGREGATION**
[54] **ASSEMBLAGE DE FIBRES SOUS FORME DE RESEAU TRIDIMENSIONNEL**
[72] MINAMI, MASAHARU, JP
[72] KOGA, MASAOMI, JP
[72] KOTANI, MICHIHIKO, JP
[71] PANEFRI INDUSTRIAL CO., LTD., JP
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[72] SHOLUPOV, SERGEY EVGENEVICH, RU
[72] POGAREV, SERGEY EVGENEVICH, RU
[72] GANEEV, ALEXANDER AHATOVICH, RU
[72] RYZHOV, VLADIMIR VENIAMINOVICH, RU
[71] STROGANOV, ALEXANDER ANATOLEVICH, RU
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[54] **PROCEDE DE PRODUCTION D'UN JOINT D'ETANCHEITE INTEGRE A UNE PLAQUE**
[72] HAYASHI, TAKAHIRO, JP
[71] NOK CORPORATION, JP
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[54] **COMPOSITIONS DE CIMENT A PRISE RETARDEE A DEUX COMPOSANTS**
[72] MORGAN, RONNIE GLEN, US
[72] AGAPIOU, KYRIACOS, US
[72] PISKLAK, THOMAS JASON, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **DISPOSITIF DE CLOISONNEMENT PORTABLE PREPARE POUR UNE COLLISION**
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[72] WEST, JAMES C., US
[71] FERNO-WASHINGTON, INC., US
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[54] **APPARATUS FOR PRODUCING ORGANIC SUBSTANCE AND METHOD FOR PRODUCING ORGANIC SUBSTANCE**
[54] **APPAREIL DE PRODUCTION DE SUBSTANCE ORGANIQUE ET PROCEDE DE PRODUCTION DE SUBSTANCE ORGANIQUE**
[72] SATOU, KANETOMO, JP
[72] HAMACHI, KOKORO, JP
[72] KORI, YASUYUKI, JP
[71] SEKISUI CHEMICAL CO., LTD., JP
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[54] **APPARATUS FOR PRODUCING ORGANIC SUBSTANCE FROM WASTE AND METHOD FOR PRODUCING ORGANIC SUBSTANCE FROM WASTE**
[54] **APPAREIL ET PROCEDE PERMETTANT DE PRODUIRE DE LA MATIERE ORGANIQUE A PARTIR DE DECHETS**
[72] SATOU, KANETOMO, JP
[72] NISHIYAMA, NORIHIDE, JP
[72] HAMACHI, KOKORO, JP
[72] ISHII, TETSUYA, JP
[71] SEKISUI CHEMICAL CO., LTD., JP
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[54] **MECANISME DE FIXATION MAGNETIQUE DE POCHETTE A DENTS DE VERROUILLAGE STABLE A L'ECRASEMENT**
[72] SPECTOR, YUVAL, US
[72] SCHROEDER, TIMOTHY, PAUL, US
[72] BAR-EREZ, EYAL, US
[71] FERNO-WASHINGTON, INC., US
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[54] **DISTRIBUTED FIBER OPTIC MONITORING OF VIBRATION TO GENERATE A NOISE LOG TO DETERMINE CHARACTERISTICS OF FLUID FLOW**
[54] **SURVEILLANCE DE VIBRATIONS PAR FIBRES OPTIQUES REPARTIES POUR GENERER UN JOURNAL DE BRUIT AFIN DE DETERMINER DES CARACTERISTIQUES D'ECOULEMENT DE FLUIDE**
[72] DICKENSON, PAUL, GB
[71] SCHLUMBERGER CANADA LIMITED, CA
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[54] **APPARATUS FOR REMOVING SNOW THROUGH LIQUEFACTION**
[54] **APPAREIL DE DENEIGEMENT PAR LIQUEFACTION**
[72] CHO, HANG WOO, KR
[71] CHO, HANG WOO, KR
[71] DAEJI PRECISION INDUSTRIES COMPANY LIMITED, KR
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[54] **SYSTEME DE CONFINEMENT A FERMETURE ECLAIR D'ENVELOPPE DE PROTECTION PASSIVE**
[72] SCARLESKI, WILLIAM J., US
[71] LEVITATION SCIENCES LLC, US
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[54] **METHODS AND SYSTEMS FOR ROUTING PRESSURIZED FLUID UTILIZING ARTICULATING ARMS**
[54] **PROCEDES ET SYSTEMES D'ACHEMINEMENT D'UN FLUIDE SOUS PRESSION EN UTILISANT DES BRAS ARTICULES**
[72] KENDRICK, WILLIAM D., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **SPECTRAL IMAGING SYSTEM FOR REMOTE AND NONINVASIVE DETECTION OF TARGET SUBSTANCES USING SPECTRAL FILTER ARRAYS AND IMAGE CAPTURE ARRAYS**
[54] **SYSTEME D'IMAGERIE SPECTRALE POUR UNE DETECTION A DISTANCE ET NON INVASIVE DE SUBSTANCES CIBLES A L'AIDE DE RESEAUX DE FILTRES SPECTRAUX ET DE RESEAUX DE CAPTURE D'IMAGE**
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[72] ENGELKE, GREGORY L., US
[71] INNOPIX, INC., US
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[54] **PROCEDE POUR LA PREPARATION DE 3-(3-CHLORO-1H-PYRAZOL-1-YL)PYRIDINE**
[72] YANG, QIANG, US
[72] LORSBACH, BETH, US
[72] LI, XIAOYONG, US
[72] ROTH, GARY, US
[72] PODHOREZ, DAVID E., US
[71] DOW AGROSCIENCES LLC, US
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[54] **NOVEL VACCINE COMPOSITIONS FOR PORCINE EPIDEMIC DIARRHEA VIRUS AND PORCINE DELTACORONAVIRUS**
[54] **NOUVELLES COMPOSITIONS DE VACCIN POUR LE VIRUS DE LA DIARRHEE EPIDEMIQUE PORCINE ET LE DELTACORONAVIRUS PORCIN**
[72] MARX, JACQUELINE GAYLE, US
[72] HARDHAM, JOHN MORGAN, US
[72] DOMINOWSKI, PAUL J., US
[72] RAPP GABRIELSON, VICKI JON, US
[72] BALASCH SANUY, MONICA, US
[72] CABANA SUMSI, MARTA, US
[72] PLAJA DILME, LAIA, US
[72] URNIZA HOSTENCH, ALICIA, US
[72] ROMERO GALINDO, OSCAR, US
[71] ZOETIS SERVICES LLC, US
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[54] **DETECTION ET CARACTERISATION AMELIOREES DE SIGNAL**
[72] WILSON, DAVID BRENT, US
[72] SAVAGE, LEE M., US
[72] DIRZO, LOYRA G., US
[71] RAYTHEON COMPANY, US
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[54] **METHODS OF MANUFACTURING EXTRUDED POLYSTYRENE FOAMS USING CARBON DIOXIDE AS A MAJOR BLOWING AGENT**
[54] **PROCEDES DE FABRICATION DE MOUSSES DE POLYSTYRENE EXTRUDE A L'AIDE DE DIOXYDE DE CARBONE EN TANT QU'AGENT DE SOUFFLAGE PRINCIPAL**
[72] HAN, XIANGMIN, US
[72] DELAVIZ, YADOLLAH, US
[72] BOUDREAUX, CHASE J., US
[72] WEEKLEY, MITCHELL ZANE, US
[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
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[54] **PRODUITS MEDICAMENTEUX CO-CONDITIONNES**
[72] CRYSTAL, ROGER, GB
[72] WEISS, MICHAEL BRENNER, US
[71] OPIANT PHARMACEUTICALS, INC., US
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[54] **PHOTOBIOREACTOR SYSTEMS AND METHODS FOR PRODUCING BIOMASS**
[54] **SYSTEMES ET PROCEDES DE PHOTOBIOREACTEUR PERMETTANT DE PRODUIRE DE LA BIOMASSE**
[72] WU, XIAOXI, US
[71] WU, XIAOXI, US
[85] 2017-01-09
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[54] **PRODUCTION DE LITHIUM**
[72] SWONGER, LAWRENCE RALPH, US
[71] CLEAN LITHIUM CORPORATION, US
[85] 2017-01-09
[86] 2015-07-09 (PCT/US2015/039768)
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[54] **INSTRUSION DETECTION SYSTEM**
[54] **SYSTEME DE DETECTION D'INTRUSION**
[72] SIWAK, GREG, US
[72] SIEBENMAN, TED, US
[72] WITT, MAX, US
[71] PRACTECOL, LLC, US
[85] 2017-01-09
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[25] EN
[54] **PROCESS FOR PREPARING SUBSTITUTED PHENYLALKANES**
[54] **PROCEDE POUR PREPARER DES PHENYLALCANES SUBSTITUES**
[72] LIAO, SUBO, US
[72] MCCLURG, JOSEPH, US
[72] TRAWICK, BOBBY, US
[71] MALLINCKRODT LLC, US
[85] 2017-01-09
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[54] **WELL RANGING APPARATUS, SYSTEMS, AND METHODS**
[54] **PROCEDES, SYSTEMES ET APPAREIL DE JALONNEMENT DE PUITS**
[72] WU, HSU-HSIANG, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-01-09
[86] 2015-08-04 (PCT/US2015/043587)
[87] (WO2016/025238)
[30] US (62/035,877) 2014-08-11
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[54] **FILL THERMAL BONDING METHOD**
[54] **PROCEDE DE LIAGE THERMIQUE DE REMPLISSAGE**
[72] VADDER, DAVEY, US
[72] KANE, JEFF, US
[71] EVAPCO, INC., US
[85] 2017-01-10
[86] 2015-08-19 (PCT/US2015/045888)
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[54] **SINTERED COMPACT AND CUTTING TOOL**
[54] **CORPS FRITTE ET OUTIL DE COUPE**
[72] OKAMURA, KATSUMI, JP
[72] DANDA, MAYU, JP
[72] KUKINO, SATORU, JP
[71] SUMITOMO ELECTRIC HARDMETAL CORP., JP
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
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[54] **COMPOSITIONS D'OLIGOSACCHARIDES ET LEURS PROCEDES DE PRODUCTION**
[72] GEREMIA, JOHN M., US
[72] MURPHY, ANASTASIA V., US
[72] HAN, SCOTT, US
[72] SEIGAL, BENJAMIN A., US
[72] LANDRY, ALICIA, US
[72] SHERRY, KYLE, US
[72] PANOS, STEPHEN, US
[72] CHURCHMAN, DEVIN, US
[72] O'CONNOR, ANDREW, US
[71] MIDORI USA, INC., US
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[54] **INTRAOCULAR LENS INSERTER WITH TEMPERATURE COMPENSATION**
[54] **DISPOSITIF D'INSERTION DE LENTILLE INTRA-OCULAIRE AVEC COMPENSATION DE TEMPERATURE**
[72] AULD, JACK R., US
[72] HUCULAK, JOHN C., US
[72] MCCAWLEY, MATTHEW, US
[72] FLOWERS, MATTHEW, US
[71] ALCON PHARMACEUTICALS, LTD., CH
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[86] 2015-07-15 (PCT/US2015/040667)
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[25] EN
[54] **WELL RANGING APPARATUS, SYSTEMS, AND METHODS**
[54] **APPAREIL, SYSTEMES, ET PROCEDES DE TELEMETRIE DE PUITS**
[72] WU, HSU-HSIANG, US
[72] AHMADI KALATEH AHMAD, AKRAM, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[87] (WO2016/025247)
[30] US (62/035,877) 2014-08-11
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[54] **WELL RANGING APPARATUS, SYSTEMS, AND METHODS**
[54] **APPAREIL, SYSTEMES ET PROCEDES DE TELEMETRIE DE PUITS**
[72] DONDERICI, BURKAY, US
[72] WU, HSU-HSIANG, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[30] US (62/035,877) 2014-08-11
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[72] MCGUINESS, STEPHEN JOHN, AU
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[72] NGWA, WILFRED, US
[72] CORMACK, ROBERT, US
[72] MAKRIGIORGOS, GERASSIMOS, US
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[54] **APPAREIL ANTI-EMPALEMENT DESTINE A S'ETENDRE AU-DESSUS ET AUTOUR DES EXTREMITES EXPOSEES D'UNE PLURALITE DE BARRES DE RENFORCEMENT ESPACEES**
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[54] **FORMATION D'UN RESEAU OPTIQUE AVEC UN APPAREIL PRODUISANT UN MOTIF D'INTERFERENCE REGLABLE**
[72] GROBNIC, DAN, CA
[72] MIHAILOV, STEPHEN J., CA
[72] WALKER, ROBERT B., CA
[72] LU, PING, CA
[72] DING, HUIMIN, CA
[72] COULAS, DAVID, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
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[54] **METAL RECEPTACLE FOR MICROWAVE OVENS**
[54] **RECIPIENT METALLIQUE POUR LE FOUR A MICRO-ONDES**
[72] ALVAREZ-ZAVALA, ALBERTO, MX
[71] ENVASES UNIVERSALES DE MEXICO, S.A. P.I. DE C.V., MX
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[54] **FLOW SENSING IN SUBTERRANEAN WELLS**
[54] **DETECTION D'ECOULEMENT DANS DES PUITS SOUTERRAINS**
[72] JAASKELAINEN, MIKKO, US
[72] RANJAN, PRIYESH, US
[72] KALIA, NITIKA, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **HUMAN-DERIVED ANTI-HUNTINGTIN (HTT) ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS ANTI-HUNTINGTINE (HTT) HUMAINS ET LEURS UTILISATIONS**
[72] MAIER, MARCEL, CH
[72] GRIMM, JAN, CH
[71] NEURIMMUNE HOLDING AG, CH
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[86] 2015-07-29 (PCT/EP2015/067327)
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[54] **ANCHOR BOLT**
[54] **BOULON D'ANCRAGE**
[72] ANDOU, KAZUAKI, JP
[72] YANAI, TORU, JP
[71] HOWA CORPORATION, JP
[85] 2017-01-10
[86] 2015-02-12 (PCT/JP2015/053773)
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[54] **SULFATED-GLYCOLIPIDS AS ADJUVANTS FOR VACCINES**
[54] **GLYCOLIPIDES SULFATES COMME ADJUVANTS DE VACCINS**
[72] WHITFIELD, DENNIS M., CA
[72] KRISHNAN, LAKSHMI, CA
[72] SPROTT, G. DENNIS, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[85] 2017-01-10
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[25] EN
[54] **ANALYZING IMMUNE SIGNALING NETWORKS FOR IDENTIFICATION OF THERAPEUTIC TARGETS IN COMPLEX CHRONIC MEDICAL DISORDERS, IDENTIFICATION OF A NATURAL KILLER CELL POPULATION AS A POTENTIAL THERAPEUTIC TARGET FOR GULF WAR ILLNESS AND MYALGIC ENCEPHALOMYELITIS/CHRONIC FATIGUE SYNDROME, AND MODULATION OF NATURAL KILLER CELL FUNCTION BY STIMULATION WITH INTERLEUKIN 15**
[54] **ANALYSE DE RESEAUX DE SIGNALISATION IMMUNITAIRE POUR L'IDENTIFICATION DE CIBLES THERAPEUTIQUES DANS DES TROUBLES MEDICAUX CHRONIQUES COMPLEXES, IDENTIFICATION D'UNE POPULATION DE CELLULES TUEUSES NATURELLES EN TANT QUE CIBLE THERAPEUTIQUE POTENTIELLE POUR LE SYNDROME DE LA GUERRE DU GOLFE ET L'ENCEPHALO-MYELITE MYALGIQUE/LE SYNDROME DE LA FATIGUE CHRONIQUE**
[72] FLETCHER, MARY ANNE, US
[72] BRODERICK, GORDON, US
[72] KLIMAS, NANCY, US
[72] BARNES, ZACHARY, US
[71] NOVA SOUTHEASTERN UNIVERSITY, US
[85] 2017-01-10
[86] 2014-10-14 (PCT/US2014/060535)
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[54] **CARDIAC CELL CULTURE MATERIAL**
[54] **MATERIAU DE CULTURE DE CELLULES CARDIAQUES**
[72] IWAMIYA, TAKAHIRO, JP
[72] MATSUURA, KATSUHISA, JP
[71] METCELA INC., AF
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[86] 2015-01-05 (PCT/JP2015/050028)
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[54] **METHOD OF MANUFACTURING PLATE-INTEGRATED GASKET**
[54] **PROCEDE DE FABRICATION DE JOINT D'ETANCHEITE INTEGRE A UNE PLAQUE**
[72] SHIMAZOE, TOSHIHIRO, JP
[71] NOK CORPORATION, JP
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[51] **Int.Cl. C07D 231/14 (2006.01) A01N 43/46 (2006.01) A61K 31/415 (2006.01)**
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[54] **PROCESS FOR THE PREPARATION OF 3-(3-CHLORO-1H-PYRAZOL-1-YL)PYRIDINE**
[54] **PROCEDE POUR LA PREPARATION DE 3-(3-METHYL-PHENYL-1H-PYRAZOL-1-YL)PYRIDINE**
[72] YANG, QIANG, US
[72] LORSBACH, BETH, US
[72] DEAMICIS, CARL, US
[72] BUYSSE, ANN M., US
[72] ROSS, RONALD, JR., US
[72] LI, XIAOYONG, US
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[54] **DENTAL PROSTHESIS**
[54] **PROTHESE DENTAIRE**
[72] HASEGAWA, AKIRA, JP
[72] TSUCHIYA, YASUFUMI, JP
[72] KOJIMA, KOYA, JP
[72] OKAZAKI, KOJU, JP
[72] ASANO, YOHSUKE, JP
[72] FUJII, KENICHI, JP
[72] HAYASHI, TAKAAKI, JP
[71] MITSUI CHEMICALS, INC., JP
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[25] EN
[54] **LATERAL FLOW / IMMUNO-CHROMATOGRAPHIC STRIP SERVICE AND CASSETTE ANALYSIS DEVICE, SYSTEM, METHOD AND COMPUTER READABLE MEDIUM**
[54] **SERVICE POUR BANDES D'IMMUNO-CHROMATOGRAPHIE / A ECOULEMENT LATERAL ET DISPOSITIF, SYSTEME, PROCEDE ET SUPPORT LISIBLE PAR ORDINATEUR D'ANALYSE DE CASSETTES**
[72] CHANG, JEFFREY, CA
[71] FIO CORPORATION, CA
[85] 2017-01-10
[86] 2015-07-10 (PCT/CA2015/000435)
[87] (WO2016/004514)
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[51] **Int.Cl. B64D 47/00 (2006.01)**
[25] EN
[54] **COOLING APPARATUS FOR COOLING ELECTRONIC DEVICE IN AIRCRAFT**
[54] **APPAREIL DE REFROIDISSEMENT DESTINE A REFROIDIR UN DISPOSITIF ELECTRONIQUE DANS UN AERONEF**
[72] KIMURA, HIROYUKI, JP
[72] MATSUNO, SHINSUKE, JP
[72] MORIOKA, NORIKO, JP
[72] SEKI, NAOKI, JP
[71] IHI CORPORATION, JP
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[51] **Int.Cl. G05D 1/02 (2006.01) E02F 9/20 (2006.01)**
[25] EN
[54] **WORK MACHINE MANAGEMENT APPARATUS**
[54] **DISPOSITIF DE GESTION POUR ENGIN DE CHANTIER**
[72] KADONO, YOSUKE, JP
[72] HIRANAKA, TAKASHI, JP
[72] TOKU, ISAO, JP
[72] OSAGAWA, KENTA, JP
[72] YAMAMOTO, TAKASHI, JP
[71] KOMATSU LTD., JP
[85] 2017-01-10
[86] 2016-04-28 (PCT/JP2016/063511)
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[25] EN
[54] **NOVEL ANTI-HUMAN TIE-2 ANTIBODY**
[54] **NOUVEL ANTICORPS ANTI-TIE2 HUMAIN**
[72] KAMOHARA, MASAZUMI, JP
[72] YAGI, SHIGENORI, JP
[72] ISHII, YOSHINORI, JP
[72] NARA, HIROMI, JP
[71] ASTELLAS PHARMA INC., JP
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[86] 2015-07-14 (PCT/JP2015/070089)
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[54] **AUSTENITIC STAINLESS STEEL**
[54] **ACIER INOXYDABLE AUSTENITIQUE**
[72] ISEDA, ATSURO, JP
[72] OKADA, HIROKAZU, JP
[72] SEMBA, HIROYUKI, JP
[72] HIRATA, HIROYUKI, JP
[72] HAMAGUCHI, TOMOAKI, JP
[72] JOTOKU, KANA, JP
[72] ONO, TOSHIHIDE, JP
[72] TANAKA, KATSUKI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **URINE ABSORBENT PAD**
[54] **TAMPON ABSORBANT L'URINE**
[72] LUMAQUE-STEEMAN, LORNA MATEO, US
[71] EZ MALE PADS, INCORPORATED, US
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[51] **Int.Cl. G06F 7/04 (2006.01) H04W 12/04 (2009.01) G06F 21/31 (2013.01)**
[25] EN
[54] **ELECTRONIC CREDENTAL MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DE JUSTIFICATIFS D'IDENTITE ELECTRONIQUES**
[72] EBERWINE, TODD, US
[72] NEAFSEY, JEFFREY SCOTT, US
[72] TORRE, JON P., US
[72] BEENE, DONALD LEE, US
[72] ABOUHASHEM, HAMID, US
[72] VICKREY, MICHELLE, US
[72] OLIVER, ANDREW, US
[71] SCHLAGE LOCK COMPANY LLC, US
[85] 2017-01-10
[86] 2015-06-02 (PCT/US2015/033802)
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[25] EN
[54] **MODIFYING PROTEIN PRODUCTION IN PLANTS**
[54] **MODIFICATION DE LA PRODUCTION DE PROTEINES CHEZ LES PLANTES**
[72] MICHAUD, DOMINIQUE, CA
[72] PEPIN, STEEVE, CA
[72] ETHIER, GILBERT, CA
[72] GOULET, MARIE-CLAIRE, CA
[72] GAUDREAU, LINDA, CA
[72] GAGNE, MARIELLE, CA
[72] MARTEL, MICHELE, CA
[72] BECHTOLD, NICOLE, CA
[72] D'AOUST, MARC-ANDRE, CA
[72] GOSSELIN, ANDRE, CA
[71] MEDICAGO INC., CA
[71] UNIVERSITE LAVAL, CA
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[54] **HELMET COVER**
[54] **HOUSSE DE CASQUE**
[72] STRAUS, ALBERT E., US
[72] LYTLE, FRANK, US
[71] PROTECTIVE SPORTS EQUIPMENT INTERNATIONAL, INC., US
[85] 2017-01-10
[86] 2015-07-09 (PCT/US2015/039824)
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[51] **Int.Cl. A61M 15/08 (2006.01)**
[25] EN
[54] **IMPROVED DEVICES, SYSTEMS AND METHODS FOR DETECTING A BILATERAL DIFFERENTIAL IN OLFACTORY DETECTION THRESHOLD FOR PURE ODORANTS**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES AMELIORES DE DETECTION D'UNE DIFFERENCE BILATERALE DE SEUIL DE DETECTION OLFACTIVE POUR SUBSTANCES ODORANTES PURES**
[72] MILLS, GREGORY B., US
[71] INSPIRED TECHNOLOGIES, INC., US
[85] 2017-01-10
[86] 2015-07-10 (PCT/US2015/039875)
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[30] US (62/023,352) 2014-07-11
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[51] **Int.Cl. G06F 17/30 (2006.01) G06F 9/44 (2006.01) G07C 9/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR A CREDENTIAL INCLUDING MULTIPLE ACCESS PRIVILEGES**
[54] **SYSTEMES ET PROCEDES POUR UN JUSTIFICATIF D'IDENTITE COMPRENANT DE MULTIPLES PRIVILEGES D'ACCES**
[72] EBERWINE, TODD, US
[72] BEENE, DONALD LEE, US
[72] SHARP, DANIEL R., US
[72] VICKREY, MICHELLE, US
[71] SCHLAGE LOCK COMPANY LLC, US
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[86] 2015-06-02 (PCT/US2015/033820)
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[30] US (62/006,723) 2014-06-02

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[25] EN
[54] **METHODS AND DEVICES FOR PREDICTING ANTHRACYCLINE TREATMENT EFFICACY**
[54] **PROCEDES ET DISPOSITIFS PERMETTANT DE PREDIRE L'EFFICACITE D'UN TRAITEMENT A L'ANTHRACYCLINE**
[72] SPEARS, MELANIE, CA
[72] BARTLETT, JOHN, CA
[72] YOUSIF, FOUAD, CA
[72] BOUTROS, PAUL, CA
[71] ONTARIO INSTITUTE FOR CANCER RESEARCH, CA
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[25] EN
[54] **LANDING STRING**
[54] **COLONNE DE TUBES A POSER**
[72] DEACON, PAUL, GB
[72] WALKER, JAMIE, GB
[72] SZPUNAR, DARIUSZ, GB
[71] EXPRO NORTH SEA LIMITED, GB
[85] 2017-01-10
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[25] EN
[54] **MAIN CHAIN POLYAMINES**
[54] **POLYAMINES A CHAINE PRINCIPALE**
[72] DHAL, PRADEEP, US
[72] BESEV, MAGNUS, US
[71] GENZYME CORPORATION, US
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[25] EN
[54] **ISOLATED BEARING VISCOUS SPEED RETARDING DEVICE FOR ROTARY NOZZLES**
[54] **DISPOSITIF DE RETARDEMENT DE VITESSE VISQUEUX A PALIER ISOLE POUR BUSES ROTATIVES**
[72] SCHNEIDER, JOSEPH A., US
[71] STONEAGE, INC., US
[85] 2017-01-10
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[54] **ERGONOMIC KNOB INSERT FOR HOLLOW STICK**
[54] **INSERT DE BOUTON ERGONOMIQUE POUR BATON CREUX**
[72] PHELAN, GERALD LEO, JR., US
[71] PROXR, LLC, US
[85] 2017-01-10
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[51] **Int.Cl. G06F 17/00 (2006.01)**
[25] EN
[54] **METHOD OF AND APPARATUS FOR MONITORING A CHARACTERISTIC OF A LIQUID SAMPLE**
[54] **PROCEDE ET/OU APPAREIL DE SURVEILLANCE D'UNE CARACTERISTIQUE D'ECHANTILLON LIQUIDE**
[72] CRISP, RANDALL, AU
[71] CRISP, RANDALL, AU
[85] 2017-01-11
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[25] EN
[54] **NEUTRALIZING ANTI-INFLUENZA B ANTIBODIES AND USES THEREOF**
[54] **NEUTRALISATION D'ANTICORPS ANTI-GRIPPE B ET LEURS UTILISATIONS**
[72] CORTI, DAVID, CH
[72] LANZAVECCHIA, ANTONIO, CH
[72] KALLEWAARD-LELAY, NICOLE, US
[72] ZHU, QING, US
[72] BENJAMIN, EBONY, US
[72] WACHTER, LESLIE, US
[72] YUAN, ANDY, US
[72] MCAULIFFE, JOSEPHINE, MARY, US
[71] MEDIMMUNE, LLC, US
[71] CORTI, DAVID, CH
[71] LANZAVECCHIA, ANTONIO, CH
[85] 2017-01-10
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[30] US (62/024,804) 2014-07-15

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[51] **Int.Cl. A61K 36/05 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **SEAWEED EXTRACT AND COMPOSITION USEFUL AGAINST CANCER CELLS**
[54] **EXTRAIT D'ALGUE ET COMPOSITION UTILES CONTRE LES CELLULES CANCEREUSES**
[72] BOBBITT, JUDITH, CA
[72] MATHIEU, ANNE, CA
[72] ZEIN, AHMED, CA
[71] OCEANS LTD., CA
[85] 2017-01-10
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[30] US (62/026,878) 2014-07-21

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[51] **Int.Cl. F03B 3/12 (2006.01) F03B 3/02 (2006.01)**
[25] EN
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[54] **TURBINE FRANCIS A LAME COURTE ET BANDE COURTE**
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[54] **CONVERTISSEUR MECANIQUE BIDIRECTIONNEL D'ACCELERATION**
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[71] HANGZHOU GREAT STAR TOOLS CO., LTD., CN
[71] HANGZHOU GREAT STAR INDUSTRIAL CO., LTD., CN
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[54] **INFRASTRUCTURE DE COMMUNICATION DUPLEX FIABLE, ROBUSTE ET STRUCTUREE POUR TRANSACTIONS DE SERVICE MOBILE RAPIDES**
[72] STRASHEK, JASON, CA
[72] VARGA, TIMMOTHY STEVEN, CA
[72] LEE, WAI YEW, CA
[72] JANG, VICTOR SHIH KWAN, CA
[72] STANISIC, STEVAN, CA
[71] AVANTI COMMERCE INC., CA
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[54] **REVERSE CEMENTATION OF LINER STRING FOR FORMATION STIMULATION**
[54] **CIMENTATION INVERSE DE RAME DE COLONNE PERDUE POUR STIMULATION D'UNE FORMATION**
[72] WARD, DAMIAN LEONARD, CA
[72] ORITA, JEFFREY LANCE, CA
[72] BIEDERMANN, RANDAL BRENT, CA
[72] HARRALL, SIMON J., US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[72] HORLBECK, MAX, US
[72] KAMPMANN, MARTIN, US
[72] QI, LEI S., US
[72] WEISSMAN, JONATHAN S., US
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[54] **PHARMACEUTICAL COMPOUND COMPRISING 13 GLYCERIDES, FORMULATION AND APPLICATION THEREOF**
[54] **COMPOSE PHARMACEUTIQUE CONTENANT 13 GLYCERIDES, SA FORMULATION ET SON UTILISATION**
[72] LI, DAPENG, CN
[71] ZHEJIANG KANGLAITE GROUP CO., LTD., CN
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[54] **SYSTEME ET PROCEDE POUR EXTRAIRE DE L'ETHANOL D'UN BOUILLON DE FERMENTATION**
[72] ABBAS, CHARLES, US
[72] BROWN, DAN L., US
[72] DYER, MATT, US
[72] FANSELOW, DAN, US
[72] FITZSIMONS, ROBERT, US
[72] ISDER, MARK, US
[72] NAKAMURA, MASA, US
[72] NELSON, TRAVIS, US
[72] REED, JOHN, US
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[54] **COIX SEED OIL COMPRISING 11 TRIGLYCERIDES, FORMULATION AND APPLICATION THEREOF**
[54] **HUILE DE GRAINES DE COIX COMPRENANT 11 TRIGLYCERIDES, SA FORMULATION ET SON APPLICATION**
[72] LI, DAPENG, CN
[71] ZHEJIANG KANGLAITE GROUP CO., LTD., CN
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[54] **COIX SEED OIL COMPRISING 16 GLYCERIDES, FORMULATION AND APPLICATION THEREOF**
[54] **HUILE DE GRAINE DE COIX COMPRENANT 16 GLYCERIDES, SA FORMULATION ET SON APPLICATION**
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[71] ZHEJIANG KANGLAITE GROUP CO., LTD., CN
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[54] **SYSTEM AND METHOD FOR A BLENDING CONTAINMENT ASSEMBLY**
[54] **SYSTEME ET PROCEDE POUR UN ENSEMBLE DE CONFINEMENT DE MELANGE**
[72] MERRITT, MICHAEL, US
[72] BROWN, JAMES W., US
[72] BRESSNER, GORM, US
[72] SPRINKLE, AARON, US
[71] MANITOWOC FOODSERVICE COMPANIES, LLC, US
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[72] KETTERMAN, GREGORY SCOTT, US
[72] CZAMOWSKI, JAMES TAYLOR, US
[72] KARDAS, JASON CHRISTOPHER, US
[72] DOW, PHILIP JAMES, US
[72] BRACKETT, WILLIAM DREW, US
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[54] **MECHE POUR EVAPORATEURS DE SUBSTANCES VOLATILES**
[72] GOBBER, CEDRIC, ES
[72] MAYOR SANS, FERNANDO, ES
[72] MASO SABATE, JORDI, ES
[71] ZOBELE ESPANA, S.A., ES
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[54] **METHOD AND SYSTEM FOR MONITORING A PRODUCTION FACILITY FOR A RENEWABLE FUEL**
[54] **PROCEDE ET SYSTEME DE SURVEILLANCE D'UNE INSTALLATION DE PRODUCTION D'UN CARBURANT RENOUVELABLE**
[72] VENHOFF, GEORGE J., US
[72] GANN, CREED TAYLOR MORGAN, US
[72] OLSON, SUSAN, US
[72] ALPHENAAR, DEIRDRE, US
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[72] BOTTIN, HERVE, FR
[72] DEREMY, JEAN-MARC, FR
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[54] **PROCEDE POUR DETECTER DES ANOMALIES DANS UN RESEAU DE DISTRIBUTION, EN PARTICULIER D'EAU POTABLE**
[72] CAMPAN, FRANCIS, FR
[72] DEMBELE, ABEL, FR
[72] CUSSONNEAU, GUILLAUME, FR
[71] SUEZ GROUPE, FR
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[72] QIAN, SHAWN, US
[71] LIFESCI PHARMACEUTICALS, INC., BB
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[54] **DISPOSITIF EVAPORATEUR DE SUBSTANCES VOLATILES**
[72] LLORENTE ALONSO, JOAQUIM, ES
[72] MAYOR SANS, FERNANDO, ES
[72] RUIZ ESPANOL, JULIO, CESAR, ES
[71] ZOBELE ESPANA, S.A., ES
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[25] EN
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[54] **CARTONS ET DECOUPES PRESENTANT DES PLIS A PROXIMITE DES COINS ET PROCEDES ASSOCIES**
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[71] GRAPHIC PACKAGING INTERNATIONAL CANADA, ULC, CA
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[54] **COMBINATION THERAPY**
[54] **POLYTHERAPIE**
[72] HAO, HUAIXIANG, US
[72] HUANG, XIZHONG, US
[72] MANENTI, LUIGI, CN
[72] TAM, ANGELA, US
[71] NOVARTIS AG, CH
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[54] **METHODS, DEVICES AND SYSTEMS FOR SENSING, MEASURING AND/OR CHARACTERIZING VESSEL AND/OR LESION COMPLIANCE AND/OR ELASTANCE CHANGES DURING VASCULAR PROCEDURES**
[54] **PROCEDES, DISPOSITIFS ET SYSTEMES DE DETECTION, DE MESURE ET/OU DE CARACTERISATION DE LA CONFORMITE D'UNE LESION ET/OU D'UN VAISSEAU ET/OU DE CHANGEMENTS D'ELASTANCE AU COURS D'INTERVENTIONS VASCULAIRES**
[72] SCHOENLE, VICTOR L., US
[72] HOEGH, THOMAS B., US
[72] PERSSON, BRUCE J., US
[72] EICHERS, KAYLA, US
[72] TILSTRA, MATTHEW, US
[72] MATTISON, RICHARD C., US
[72] HIGGINS, JOSEPH P., US
[72] GRACE, MICHAEL J., US
[72] SATERBAK, MATTHEW, US
[72] CAMBRONNE, MATTHEW D., US
[72] KOHLER, ROBERT E., US
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[54] **METHODS, DEVICES AND SYSTEMS FOR SLOW ROTATION OF DRIVE SHAFT DRIVEN ATHERECTOMY SYSTEMS**
[54] **METHODES, DISPOSITIFS ET SYSTEMES POUR RALENTIR LA ROTATION DE SYSTEMES D'ATHERECTOMIE AVEC ARBRE D'ENTRAINEMENT**
[72] HIGGINS, JOSEPH P., US
[72] KARASTI, KRAIG A., US
[71] CARDIOVASCULAR SYSTEMS, INC., US
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[54] **PROCEDES ET MATERIELS POUR LA PRODUCTION DE FRUITS SANS NOYAU**
[72] IRELAND, HILARY SARA, NZ
[72] SCHAFFER, ROBERT JAMES, NZ
[72] YAO, JIA-LONG, NZ
[71] THE NEW ZEALAND INSTITUTE FOR PLANT AND FOOD RESEARCH LIMITED, NZ
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[54] **DISPOSITIF D'EVAPORATION DE SUBSTANCES VOLATILES**
[72] DOYLE, DOMINIC, ES
[72] GARCIA FABREGAS, RUBEN, ES
[72] LUQUE VERA, SERGIO, ES
[71] ZOBELE ESPANA, S.A., ES
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[54] **THERMAL CONTRAST THERAPY DEVICES, METHODS, AND SYSTEMS**
[54] **DISPOSITIFS, PROCEDES ET SYSTEMES DE THERAPIE PAR CONTRASTE THERMIQUE**
[72] SCHAEFER, DAVID, US
[72] SMITH, RICHARD, US
[71] CASCADE WELLNESS TECHNOLOGIES, INC., US
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[54] **AGENTS DE LIAISON ANTI-MUCINE 1 ET LEURS UTILISATIONS**
[72] SCHOEN, ROBERT E., US
[72] FINN, OLIVERA J., US
[72] SATO, SHUJI, US
[72] CHEUNG, WAN CHEUNG, US
[72] POLAKIEWICZ, ROBERTO D., US
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[71] BLUEFIN BIOMEDICINE, INC., US
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[72] LEWIS, BENJAMIN, US
[71] FACEBOOK, INC., US
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[54] **AUDIO WATERMARKING FOR PEOPLE MONITORING**
[54] **TATOUAGE NUMERIQUE AUDIO POUR SURVEILLANCE DE PERSONNES**
[72] TOPCHY, ALEXANDER, US
[72] SOUNDARARAJAN, PADMANABHAN, US
[72] SRINIVASAN, VENUGOPAL, US
[71] THE NIELSEN COMPANY (US), LLC, US
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[25] EN
[54] **HYDROPHILIC TREATMENT COATING COMPOSITION AND HYDROPHILIZING TREATMENT METHOD**
[54] **COMPOSITION DE REVETEMENT ET DE TRAITEMENT HYDROPHILE ET PROCEDE DE TRAITEMENT D'HYDROPHILISATION**
[72] OKUMURA, YOSHIHITO, JP
[72] SATO, YUSUKE, JP
[72] KAKEHI, HIROSHI, JP
[72] MANO, HIROTSUGU, JP
[72] KAMITANI, AKIRA, JP
[71] LIXIL CORPORATION, JP
[71] NIPPON PAINT AUTOMOTIVE COATINGS CO., LTD., JP
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[30] JP (2014-145541) 2014-07-16
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[54] **SYSTEME DE TRAITEMENT MEDICAL PORTABLE ET SA METHODE D'UTILISATION**
[72] PELKUS, ADRIAN, US
[71] WOUND CARE, INC., US
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[51] **Int.Cl. F24J 2/04 (2006.01)**
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[72] FISCHER, JAY D., US
[71] TYLL SOLAR, LLC, US
[71] FISCHER, JAY D., US
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[54] **BALISAGE DE DONNEES**
[72] GIBSON, DAVID ANDREW, US
[72] MURPHY, MARK, US
[71] VERILY LIFE SCIENCES LLC, US
[85] 2017-01-11
[86] 2015-07-07 (PCT/US2015/039305)
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[30] US (14/334,126) 2014-07-17

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[51] **Int.Cl. A61K 38/24 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **METHOD FOR PREVENTING OR TREATING OCULAR DISORDERS**
[54] **PROCEDE DE PREVENTION OU DE TRAITEMENT DE TROUBLES OCULAIRES**
[72] MOVSAS, TAMMY Z., US
[71] ZIETCHICK RESEARCH INSTITUTE, LLC, US
[85] 2017-01-11
[86] 2015-07-08 (PCT/US2015/039542)
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[30] US (62/024,609) 2014-07-15

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[51] **Int.Cl. G06Q 20/38 (2012.01) G06Q 30/02 (2012.01) G06Q 30/06 (2012.01)**
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[54] **KIDS' LOYALTY AND REWARDS PROGRAM**
[54] **PROGRAMME DE FIDELITE ET DE RECOMPENSE POUR ENFANTS**
[72] VOSTERS, KATHERINE G., US
[72] LEAKAS, PAUL A., US
[71] B. LITTLE & COMPANY, INC., US
[85] 2017-01-11
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[25] EN
[54] **PROCESSING BIOMASS**
[54] **TRAITEMENT DE BIOMASSE**
[72] MEDOFF, MARSHALL, US
[72] MASTERMAN, THOMAS CRAIG, US
[72] RODITI, SOLOMON I., US
[71] XYLECO, INC., US
[85] 2017-01-11
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[51] **Int.Cl. A61B 18/12 (2006.01) A61N 1/32 (2006.01)**
[25] EN
[54] **MULTI-POLE SYNCHRONOUS PULMONARY ARTERY RADIOFREQUENCY ABLATION CATHETER**
[54] **CATHETER D'ABLATION PAR RADIOFREQUENCE D'ARTERE PULMONAIRE SYNCHRONE MULTI-POLES**
[72] CHEN, SHAOLIANG, US
[71] PULNOVO MEDICAL (WUXI) CO., LTD., CN
[85] 2017-01-11
[86] 2015-07-10 (PCT/US2015/039930)
[87] (WO2016/007851)
[30] US (62/023,781) 2014-07-11
[30] US (14/666,214) 2015-03-23
[30] US (14/672,021) 2015-03-27
[30] US (14/672,010) 2015-03-27
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[51] **Int.Cl. A47J 43/27 (2006.01) B65D 81/32 (2006.01) B67D 1/00 (2006.01)**
[25] EN
[54] **COLD BEVERAGE DISPENSER**
[54] **DISTRIBUTEUR DE BOISSON FROIDE**
[72] WALKER, DEBRA L., US
[71] BIBO BARMAID LLC, US
[85] 2017-01-11
[86] 2015-07-22 (PCT/US2015/041632)
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[30] US (62/027,286) 2014-07-22

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[51] **Int.Cl. B01L 1/04 (2006.01) A61L 9/00 (2006.01)**
[25] EN
[54] **MODULAR PARTS THAT SUPPLY UTILITIES TO CLEANROOM, ISOLATION OR CONTAINMENT CUBICLES, PODS, OR MODULES**
[54] **PIECES MODULAIRES QUI FOURNISSENT DES SERVICES A UNE SALLE BLANCHE, A DES COMPARTIMENTS D'ISOLEMENT OU DE CONFINEMENT, A DES CONTENEURS, OU A DES MODULES**
[72] JORNITZ, MAIK WOLFGANG, US
[72] BACKSTROM, SIDNEY, US
[72] ARLEDGE, TROY, US
[71] G-CON MANUFACTURING INC., US
[85] 2017-01-11
[86] 2015-07-10 (PCT/US2015/040023)
[87] (WO2016/007907)
[30] US (62/023,706) 2014-07-11
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[13] A1
[51] **Int.Cl. C08L 23/00 (2006.01) C08L 33/00 (2006.01) C08L 77/00 (2006.01)**
[25] EN
[54] **MODIFICATION OF ENGINEERING PLASTICS USING OLEFIN-MALEIC ANHYDRIDE COPOLYMERS**
[54] **MODIFICATION DE PLASTIQUES INDUSTRIELS AU MOYEN DE COPOLYMERES OLEFINE-ANHYDRIDE MALEIQUE**
[72] ADUR, ASHOK M., US
[72] TARANEKAR, PRASAD, US
[71] VERTELLUS HOLDINGS LLC, US
[85] 2017-01-11
[86] 2015-07-13 (PCT/US2015/040136)
[87] (WO2016/010893)
[30] US (62/024,174) 2014-07-14
[30] US (62/189,503) 2015-07-07

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[51] **Int.Cl. C10G 2/00 (2006.01) C10G 7/00 (2006.01) C10J 1/00 (2006.01) C10K 1/00 (2006.01)**
[25] EN
[54] **CONFIGURATIONS AND METHOD OF INTEGRATING A GAS TO LIQUIDS (GTL) PLANT IN A REFINERY**
[54] **CONFIGURATIONS ET PROCEDE D'INTEGRATION D'UNE INSTALLATION DE TRANSFORMATION DU GAZ EN LIQUIDES (GTL) DANS UNE RAFFINERIE**
[72] RAVIKUMAR, RAVI, US
[72] KOPPEL, PAUL E., US
[72] DABEE, SANJIV, US
[72] ZYCHOWICZ, JOHNATHON, US
[71] FLUOR TECHNOLOGIES CORPORATION, US
[85] 2017-01-11
[86] 2015-07-28 (PCT/US2015/042541)
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[51] **Int.Cl. A61K 49/00 (2006.01)**
[25] EN
[54] **A PROTEIN TAGGING SYSTEM FOR IN VIVO SINGLE MOLECULE IMAGING AND CONTROL OF GENE TRANSCRIPTION**
[54] **SYSTEME DE MARQUAGE DE PROTEINE POUR L'IMAGERIE MONOMOLECULAIRE IN VIVO ET LA REGULATION DE LA TRANSCRIPTION GENIQUE**
[72] TANENBAUM, MARVIN E., US
[72] GILBERT, LUKE A., US
[72] QI, LEI S., US
[72] WEISSMAN, JONATHAN S., US
[72] VALE, RONALD D., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2017-01-11
[86] 2015-07-14 (PCT/US2015/040439)
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[51] **Int.Cl. B65D 50/14 (2006.01) B65D 55/02 (2006.01) B65D 55/14 (2006.01)**
[25] EN
[54] **METHOD & SYSTEM FOR CUSTOMIZING DISPENSING OF PHARMACEUTICALS**
[54] **PROCEDE ET SYSTEME POUR PERSONNALISER LA DISTRIBUTION DE PRODUITS PHARMACEUTIQUES**
[72] MICELI, DAVID A., US
[72] MICELI, JOSEPH A., US
[71] TRI STATE DISTRIBUTION, INC., US
[85] 2017-01-11
[86] 2015-07-29 (PCT/US2015/042641)
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[30] US (62/030,195) 2014-07-29
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[51] **Int.Cl. G01W 1/16 (2006.01)**
[25] EN
[54] **LIGHTNING DETECTION SYSTEM, METHOD AND DEVICE**
[54] **SYSTEME, PROCEDE ET DISPOSITIF DE DETECTION DE LA FOUDRE**
[72] CANDOR, JAMES T., US
[71] ACCUWEATHER, INC., US
[85] 2017-01-11
[86] 2015-07-16 (PCT/US2015/040697)
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[51] **Int.Cl. B65D 50/14 (2006.01) B65D 55/02 (2006.01) B65D 55/14 (2006.01)**
[25] EN
[54] **CHILD PROOF CLOSURE**
[54] **FERMETURE RESISTANT AUX ENFANTS**
[72] MICELI, DAVID A., US
[72] MICELI, JOSEPH A., US
[71] TRI STATE DISTRIBUTION, INC., US
[85] 2017-01-11
[86] 2015-07-29 (PCT/US2015/042667)
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[51] **Int.Cl. A61M 5/315 (2006.01) A61M 5/50 (2006.01)**
[25] EN
[54] **INJECTION SYSTEM**
[54] **SYSTEME D'INJECTION**
[72] SUNDQUIST, JOHN, US
[72] RUSH, BEN, US
[72] BROWKA, EDWARD PAUL, US
[72] FOSHEE, DAVID L., US
[72] WILLARD, GRETCHEN E., US
[72] MYERS, STEPHEN, US
[72] RODRIGUEZ, HECTOR, US
[72] HORTON, JOHN COLEMAN, US
[71] HOSPIRA, INC., US
[85] 2017-01-11
[86] 2015-07-31 (PCT/US2015/043275)
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[30] US (62/031,667) 2014-07-31

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[51] **Int.Cl. B23K 26/08 (2014.01) B23K 26/38 (2014.01)**
[25] EN
[54] **LASER TUBE CUTTER WITH IN-SITU MEASURING AND SORTING**
[54] **DISPOSITIF DE DECOUPAGE DE TUBE A LASER A MESURE ET TRI IN SITU**
[72] HONEGGER, ANDREW, US
[72] PHILLIP, ANDREW, US
[72] BHATTACHARYYA, ONIK, US
[72] STACY, KYLE, US
[72] NOWOBILSKI, GRZEGORZ, US
[72] SZCZEPANIK, KAMIL, US
[71] MICROLUTION INC., US
[85] 2017-01-11
[86] 2015-07-16 (PCT/US2015/040802)
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[13] A1
[51] **Int.Cl. B01D 61/58 (2006.01) C13B 20/16 (2011.01) C13K 1/04 (2006.01) C13K 1/08 (2006.01)**
[25] EN
[54] **PROCESSING BIOMASS**
[54] **TRANSFORMATION DE BIOMASSE**
[72] MEDOFF, MARSHALL, US
[72] MASTERMAN, THOMAS CRAIG, US
[72] CAHILL, JOHN M., US
[71] XYLECO, INC., US
[85] 2017-01-10
[86] 2015-07-21 (PCT/US2015/041306)
[87] (WO2016/014511)
[30] US (62/026,742) 2014-07-21
[30] US (62/027,489) 2014-07-22

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[13] A1
[51] **Int.Cl. C22B 3/10 (2006.01) C01F 5/00 (2006.01) C01F 5/30 (2006.01) C22B 3/22 (2006.01) C22B 3/44 (2006.01) C22B 26/22 (2006.01) C25C 3/04 (2006.01)**
[25] EN
[54] **HYDROMETALLURGICAL PROCESS TO PRODUCE PURE MAGNESIUM METAL AND VARIOUS BY-PRODUCTS**
[54] **PROCEDE HYDROMETALLURGIQUE POUR PRODUIRE DU METAL DE MAGNESIUM PUR ET DIVERS SOUS-PRODUITS**
[72] FOURNIER, JOEL, CA
[72] GAUTHIER, LAURY, CA
[71] ALLIANCE MAGNESIUM, CA
[85] 2017-01-12
[86] 2015-07-17 (PCT/CA2015/050670)
[87] (WO2016/008056)
[30] US (62/026,105) 2014-07-18

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[13] A1
[51] **Int.Cl. B63B 25/16 (2006.01) B65D 90/06 (2006.01) F16B 5/02 (2006.01) F17C 1/12 (2006.01) F17C 13/00 (2006.01)**
[25] EN
[54] **ANCHOR STRUCTURE, AND LIQUEFIED NATURAL GAS STORAGE TANK COMPRISING SAID ANCHOR STRUCTURE**
[54] **STRUCTURE D'ANCRAGE, ET RESERVOIR DE STOCKAGE DE GAZ NATUREL LIQUEFIE COMPRENANT LADITE STRUCTURE D'ANCRAGE**
[72] HAN, HAE CHUL, KR
[72] YOON, HIN SOO, KR
[72] JIN, KYO KOOK, KR
[72] OH, BYUNG TAEK, KR
[72] CHO, YONG BUM, KR
[72] CHOE, KUN HYUNG, KR
[71] KC LNG TECH CO., LTD., KR
[85] 2017-01-11
[86] 2015-07-09 (PCT/KR2015/007113)
[87] (WO2016/006940)
[30] KR (10-2014-0087462) 2014-07-11
[30] KR (10-2014-0087470) 2014-07-11
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[51] **Int.Cl. H03F 1/56 (2006.01) H03H 7/38 (2006.01)**
[25] EN
[54] **DUAL BAND POWER AMPLIFIER CIRCUIT FOR MICROWAVE ABLATION**
[54] **CIRCUIT AMPLIFICATEUR DE PUISSANCE A DOUBLE BANDE POUR ABLATION PAR MICRO-ONDES**
[72] LIAO, ZHONGYU, CN
[71] COVIDIEN LP, US
[85] 2017-01-12
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[13] A1
[51] **Int.Cl. E21B 47/06 (2012.01) G01V 8/02 (2006.01) G01V 8/16 (2006.01)**
[25] EN
[54] **DISTRIBUTED SENSING SYSTEMS AND METHODS WITH I/Q DATA BALANCING BASED ON ELLIPSE FITTING**
[54] **SYSTEMES ET PROCEDES DE DETECTION DISTRIBUEE AYANT UN EQUILIBRAGE DE DONNEES I/Q EN FONCTION D'UN AJUSTEMENT D'ELLIPSE**
[72] ELLMAUTHALER, ANDREAS, US
[72] NUNES, LEONARDO DE OLIVEIRA, US
[72] BARFOOT, DAVID ANDREW, US
[72] STOKELY, CHRISTOPHER LEE, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-01-11
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[13] A1
[51] **Int.Cl. A61K 31/47 (2006.01) A61K 31/4709 (2006.01) A61K 31/497 (2006.01) A61K 31/5377 (2006.01) A61P 1/00 (2006.01) A61P 19/02 (2006.01) A61P 25/00 (2006.01) A61P 29/00 (2006.01) C07D 215/38 (2006.01) C12Q 1/68 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **QUINOLINE DERIVATIVES FOR THE TREATMENT OF INFLAMMATORY DISEASES**
[54] **DERIVES DE QUINOLEINE POUR LE TRAITEMENT DE MALADIES INFLAMMATOIRES**
[72] TAZI, JAMAL, FR
[72] NAJMAN, ROMAIN, FR
[72] MAHUTEAU, FLORENCE, FR
[72] SCHERRER, DIDIER, FR
[72] CHEBLI, KARIM, FR
[72] HAHNE, MICHAEL, FR
[71] ABIVAX, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE DE MONTPELLIER, FR
[71] INSTITUT CURIE, FR
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[30] EP (14306164.6) 2014-07-17

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[13] A1
[51] **Int.Cl. C07K 14/71 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **MUTATIONS IN THE EXTRACELLULAR DOMAIN III OF EPIDERMAL GROWTH FACTOR RECEPTOR GENE**
[54] **MUTATIONS DANS LE DOMAINE EXTRACELLULAIRE III DU GENE DU RECEPTEUR DE FACTEUR DE CROISSANCE EPIDERMIQUE**
[72] BARDELLI, ALBERTO, IT
[72] ARENA, SABRINA, IT
[72] MONTAGUT VILADOT, CLARA, ES
[72] ALBANELL MESTRES, JOAN, ES
[72] ROVIRA GUERIN, ANA, ES
[72] BELLOSILLO PARICIO, BEATRIZ, ES
[72] DALMASES MASSEGU, ALBA, ES
[71] FUNDACIO INSTITUT MAR D'INVESTIGACIONS MEDIQUES (IMIM), ES
[71] BARDELLI, ALBERTO, IT
[71] ARENA, SABRINA, IT
[85] 2017-01-12
[86] 2014-12-30 (PCT/EP2014/079477)
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[30] EP (14382288.0) 2014-07-28

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[51] **Int.Cl. A01N 3/00 (2006.01) A01H 4/00 (2006.01) C12N 5/00 (2006.01) C12N 5/04 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **PLANT EMBRYO STORAGE AND MANIPULATION**
[54] **STOCKAGE ET MANIPULATION D'EMBRYONS VEGETAUX**
[72] ARNOLD, RANDAL, US
[72] COPE, MATTHEW PAUL, US
[72] SCHARES, JUSTIN ANDREW, US
[72] YUN, YUE, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2017-01-12
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[30] US (14/473,183) 2014-08-29

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[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/0205 (2006.01) A61B 5/0215 (2006.01) A61B 5/026 (2006.01) A61B 5/042 (2006.01) A61F 2/24 (2006.01)**
[25] EN
[54] **SYSTEM AND APPARATUS COMPRISING A MULTISENSOR GUIDEWIRE FOR USE IN INTERVENTIONAL CARDIOLOGY**
[54] **SYSTEME ET APPAREIL COMPRENANT UN FIL-GUIDE A CAPTEURS MULTIPLES A UTILISER DANS DES INTERVENTIONS DE CARDIOLOGIE INTERVENTIONNELLE**
[72] CARON, ERIC, CA
[72] BILODEAU, LUC (DECEASED), CA
[71] THREE RIVERS CARDIOVASCULAR SYSTEMS INC., CA
[85] 2017-01-12
[86] 2015-07-10 (PCT/IB2015/055240)
[87] (WO2016/009317)
[30] US (62/023,891) 2014-07-13
[30] US (62/039,952) 2014-08-21

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[51] **Int.Cl. A61K 39/00 (2006.01)**
[25] EN
[54] **IMMUNOGENIC POLYPEPTIDE COMPOSED OF HLA-B7 RESTRICTED TUMOR ANTIGEN-DERIVED OPTIMIZED CRYPTIC PEPTIDES, AND USES THEREOF**
[54] **POLYPEPTIDE IMMUNOGENE COMPOSE DE PEPTIDES CRYPTIQUE OPTIMISES DERIVES DE L'ANTIGENE TUMORAL RESTREINT A HLA-B7, ET LEURS UTILISATIONS**
[72] GALLOU, CATHERINE, FR
[72] MENEZ-JAMET, JEANNE, FR
[71] VAXON BIOTECH, FR
[85] 2017-01-12
[86] 2015-07-17 (PCT/IB2015/055438)
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[30] EP (14306187.7) 2014-07-22

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[51] **Int.Cl. G06Q 20/18 (2012.01)**
[25] EN
[54] **CARDLESS FINANCIAL TRANSACTIONS**
[54] **TRANSACTIONS FINANCIERES SANS CARTE**
[72] HARTUNG, DOUGLAS, US
[71] DIEBOLD, INCORPORATED, US
[85] 2016-11-09
[86] 2015-05-11 (PCT/US2015/030174)
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[30] US (61/990,946) 2014-05-09

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[51] **Int.Cl. A61B 18/18 (2006.01) A61N 5/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IN SITU QUANTIFICATION OF A THERMAL ENVIRONMENT**
[54] **SYSTEMES ET PROCEDES DE QUANTIFICATION IN SITU D'UN ENVIRONNEMENT THERMIQUE**
[72] LADTKOW, CASEY M., US
[72] BRANNAN, JOSEPH D., US
[72] DICKHANS, WILLIAM J., US
[71] COVIDIEN LP, US
[85] 2017-01-12
[86] 2015-06-26 (PCT/US2015/037891)
[87] (WO2016/018546)
[30] US (62/031,230) 2014-07-31
[30] US (14/745,745) 2015-06-22

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[13] A1
[51] **Int.Cl. B01J 23/78 (2006.01) B01J 37/16 (2006.01) C07C 1/12 (2006.01) C07C 9/04 (2006.01) C07B 61/00 (2006.01)**
[25] EN
[54] **METHANATION REACTION CATALYST, METHOD FOR PRODUCING METHANATION REACTION CATALYST AND METHOD FOR PRODUCING METHANE**
[54] **CATALYSEUR POUR REACTION DE METHANATION, PROCEDE DE FABRICATION DE CATALYSEUR POUR REACTION DE METHANATION, ET PROCEDE DE PRODUCTION DE METHANE**
[72] HASHIMOTO, KOJI, JP
[72] TAKANO, HIROYUKI, JP
[72] IZUMIYA, KOUICHI, JP
[72] KUMAGAI, NAOKAZU, JP
[71] HITACHI ZOSEN CORPORATION, JP
[85] 2017-01-12
[86] 2015-07-16 (PCT/JP2015/070437)
[87] (WO2016/013488)
[30] JP (2014-148373) 2014-07-19

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[25] EN
[54] **POLYCOMPLEX GEL FOR TREATING DISEASES OF INTESTINAL/DIGESTIVE TRACT**
[54] **GEL A PLUSIEURS COMPLEXES POUR LE TRAITEMENT D'AFFECTIONS DE LA VOIE GASTRO-INTESTINALE**
[72] KHOROVETS, GENRIKH MARKOVICH, RU
[71] OBSCHESTVO S OGRANICHENNOI OTVETSTVENNOSTYU "GELIZOVIT", RU
[85] 2017-01-12
[86] 2014-09-23 (PCT/RU2014/000708)
[87] (WO2016/010451)
[30] RU (2014128856) 2014-07-15

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[51] **Int.Cl. C10L 1/10 (2006.01)**
[25] EN
[54] **FUEL BLEND WITH NANODIAMONDS**
[54] **MELANGE DE CARBURANT PRESENTANT DES NANODIAMANTS**
[72] FACTOR, ANDREY, US
[72] WEINGARDEN, MARSHALL, US
[72] BORODIN, WLADIMIR, UA
[72] IVASHCHENKO, VOLODYMYR, UA
[71] NANO MPI HOLDINGS, INC., US
[85] 2017-01-12
[86] 2014-07-22 (PCT/US2014/047555)
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[13] A1
[51] **Int.Cl. H04L 29/06 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ENHANCING MOBILE SECURITY VIA ASPECT ORIENTED PROGRAMMING**
[54] **SYSTEMES ET PROCEDES POUR AMELIORER LA SECURITE MOBILE PAR PROGRAMMATION ORIENTEE ASPECT**
[72] THOMPSON, CHRISTOPHER MICHAEL, US
[72] WHITE, CHRISTOPHER JULES, US
[71] OPTIO LABS, INC., US
[85] 2017-01-12
[86] 2014-07-23 (PCT/US2014/047826)
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[30] US (13/951,689) 2013-07-26

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[51] **Int.Cl. G01S 3/14 (2006.01) G01S 1/08 (2006.01)**
[25] EN
[54] **ELECTRICALLY SMALL, RANGE AND ANGLE-OF-ARRIVAL RF SENSOR AND ESTIMATION SYSTEM**
[54] **CAPTEUR RF D'ANGLE D'ARRIVEE ET DE PLAGE ELECTRIQUEMENT FAIBLE, ET SYSTEME D'ESTIMATION**
[72] MCCORKLE, JOHN W., US
[71] APPLIED SIGNALS INTELLIGENCE, INC., US
[85] 2017-01-12
[86] 2015-07-14 (PCT/US2015/040328)
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[30] US (62/024,665) 2014-07-15

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[51] **Int.Cl. B05B 3/00 (2006.01) B05B 3/02 (2006.01)**
[25] EN
[54] **MATERIAL SPRAYING DEVICE AND A METHOD FOR CONTROLLING THE SPRAYING DIRECTION OF THE DEVICE**
[54] **DISPOSITIF DE PULVERISATION DE MATERIAU ET PROCEDE DE COMMANDE DE LA DIRECTION DE PULVERISATION DU DISPOSITIF**
[72] VAHANEN, TAPANI, FI
[72] VAHANEN, JOHANNES, FI
[71] VAHANEN, TAPANI, FI
[71] VAHANEN, JOHANNES, FI
[85] 2017-01-12
[86] 2015-07-07 (PCT/FI2015/050492)
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[51] **Int.Cl. E21B 33/12 (2006.01) E21B 10/00 (2006.01)**
[25] EN
[54] **DEGRADABLE DOWNHOLE TOOLS COMPRISING MAGNESIUM ALLOYS**
[54] **OUTILS DE FOND DE TROU DEGRADABLES COMPRENANT DES ALLIAGES DE MAGNESIUM**
[72] WALTON, ZACHARY, US
[72] FRIPP, MICHAEL LINLEY, US
[72] JURGENSMEIER, MICHAEL JAMES, US
[72] MURPHREE, ZACHARY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-01-12
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[25] EN
[54] **ERGONOMIC GRIP SLEEVE FOR SPORT STICKS**
[54] **MANCHON DE PREHENSION ERGONOMIQUE POUR BATONS DE SPORT**
[72] PHELAN, GERALD LEO, JR., US
[71] PROXR, LLC, US
[85] 2017-01-12
[86] 2015-07-10 (PCT/US2015/039956)
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[51] **Int.Cl. H04W 72/12 (2009.01) H04W 28/26 (2009.01) H04W 72/04 (2009.01)**
[25] EN
[54] **USER EQUIPMENT AND METHODS FOR ALLOCATION AND SIGNALING OF TIME RESOURCES FOR DEVICE TO DEVICE (D2D) COMMUNICATION**
[54] **EQUIPEMENT D'UTILISATEUR ET PROCEDES D'ALLOCATION ET DE SIGNALISATION DE RESSOURCES DE TEMPS POUR LES COMMUNICATIONS DE DISPOSITIF A DISPOSITIF (D2D)**
[72] PANTELEEV, SERGEY, RU
[72] SOSNIN, SERGEY, RU
[72] KHORYAEV, ALEXEY, RU
[72] CHATTERJEE, DEBDEEP, US
[71] INTEL CORPORATION, US
[85] 2017-01-11
[86] 2015-08-07 (PCT/US2015/044214)
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[51] **Int.Cl. A61K 31/496 (2006.01) C07D 471/22 (2006.01)**
[25] EN
[54] **FUSED QUINOLINE COMPOUNDS AS PI3K, MTOR INHIBITORS**
[54] **COMPOSES DE QUINOLEINE FUSIONNES UTILISES COMME INHIBITEURS DE LA VOIE DE SIGNALISATION PI3K/MTOR**
[72] CHEN, GUOQING PAUL, US
[72] YAN, CHANGREN, US
[72] REALE, MICHAEL, US
[72] CHEN, MONICA, US
[71] ADVENCHEN PHARMACEUTICALS, NANJING LTD., CN
[85] 2017-01-12
[86] 2015-07-11 (PCT/US2015/040076)
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[30] US (62/024,192) 2014-07-14

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[51] **Int.Cl. C09K 8/58 (2006.01) C09K 8/03 (2006.01) C09K 8/035 (2006.01)**
[25] EN
[54] **SALT TOLERANT FRICTION REDUCER**
[54] **REDUCTEUR DE FROTTEMENT TOLERANT AUX SELS**
[72] FREDERICK, KEVIN W., US
[72] CHEN, SHIH-RUEY T., US
[72] LOEFFLER, RANDY J., US
[72] SAWANT, KAILAS, US
[71] SOLVAY USA INC., US
[85] 2017-01-12
[86] 2015-07-15 (PCT/US2015/040494)
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[30] US (62/024,652) 2014-07-15

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[51] **Int.Cl. A63B 22/00 (2006.01) A63B 22/06 (2006.01) A63B 22/12 (2006.01) A63B 23/035 (2006.01)**
[25] EN
[54] **OUTDOOR FITNESS RESISTANCE MECHANISM AND HOUSING**
[54] **MECANISME DE RESISTANCE DE FORME PHYSIQUE EXTERNE, ET BOITIER**
[72] TSCHANN, MATTHEW, A., US
[71] LANDSCAPE STRUCTURES INC., US
[85] 2017-01-12
[86] 2015-07-15 (PCT/US2015/040558)
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[30] US (62/026,467) 2014-07-18

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[51] **Int.Cl. A61K 38/20 (2006.01) C07K 14/55 (2006.01) C07K 17/08 (2006.01)**
[25] EN
[54] **MODIFIED IL-2 VARIANTS THAT SELECTIVELY ACTIVATE REGULATORY T CELLS FOR THE TREATMENT OF AUTOIMMUNE DISEASES**
[54] **VARIANTS D'IL-2 MODIFIES QUI ACTIVENT SELECTIVEMENT LES CELLULES T REGULATRICES POUR LE TRAITEMENT DE MALADIES AUTO-IMMUNES**
[72] GREVE, JEFFREY, US
[71] DELINIA, INC., US
[85] 2017-01-11
[86] 2015-08-10 (PCT/US2015/044462)
[87] (WO2016/025385)
[30] US (62/070,016) 2014-08-11

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[51] **Int.Cl. C07K 1/113 (2006.01)**
[25] EN
[54] **METHODS OF CONJUGATING AN AGENT TO A THIOL MOIETY IN A PROTEIN THAT CONTAINS AT LEAST ONE TRISULFIDE BOND**
[54] **PROCEDES DE CONJUGAISON D'UN AGENT A UNE FRACTION THIOL DANS UNE PROTEINE QUI CONTIENT AU MOINS UNE LIAISON TRISULFURE**
[72] FRANKLIN, JAYME, US
[72] LIN, XIN XIN, US
[72] GORRELL, JEFFREY, US
[72] TULLY, TIMOTHY, US
[72] HUTCHINSON, MATTHEW, US
[72] BECHTEL, CHARITY TUCKER, US
[71] GENENTECH, INC., US
[85] 2017-01-12
[86] 2015-07-17 (PCT/US2015/040931)
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[13] A1
[51] **Int.Cl. G06F 11/263 (2006.01) H04W 84/18 (2009.01) G06F 15/18 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MAXIMIZING EXPECTED UTILITY OF SIGNAL INJECTION TEST PATTERNS IN UTILITY GRIDS**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE MAXIMISER UNE UTILITE ATTENDUE DE MODELES DE TESTS D'INJECTIONS DE SIGNAUX DANS DES RESEAUX DE DISTRIBUTION PUBLIQUE**
[72] BROOKS, BRIAN E., US
[72] LU, YANG, SG
[72] TIO, ANDREW T., SG
[72] ONG, CHONG YANG, SG
[72] BENOIT, GILLES J., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2017-01-12
[86] 2015-07-14 (PCT/US2015/040350)
[87] (WO2016/011007)
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[51] **Int.Cl. C07D 471/04 (2006.01)**
[25] EN
[54] **METHODS OF TREATING A CANCER USING SUBSTITUTED PYRROLOPYRIMIDINE COMPOUNDS, COMPOSITIONS THEREOF**
[54] **METHODES DE TRAITEMENT D'UN CANCER A L'AIDE DE COMPOSES DE PYRROLOPYRIMIDINE SUBSTITUES, COMPOSITIONS DE CEUX-CI**
[72] ZHU, DAN, US
[72] BOYLAN, JOHN, US
[72] XU, SHUICHAN, US
[72] RIGGS, JENNIFER, US
[72] SHI, TAO, US
[72] WURMSER, ANDREW, US
[72] MIKOLON, DAVID, US
[72] DEYANAT-YAZDI, GORDAFARIED, US
[71] SIGNAL PHARMACEUTICALS, LLC, US
[85] 2017-01-12
[86] 2015-07-13 (PCT/US2015/040125)
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[30] US (62/024,158) 2014-07-14

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[13] A1
[51] **Int.Cl. H02J 3/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR COORDINATING SIGNAL INJECTIONS TO UNDERSTAND AND MAINTAIN ORTHOGONALITY AMONG SIGNAL INJECTIONS PATTERNS IN UTILITY GRIDS**
[54] **SYSTEMES ET PROCEDES DE COORDINATION D'INJECTIONS DE SIGNAL POUR COMPRENDRE ET MAINTENIR L'ORTHOGONALITE ENTRE DES MOTIFS D'INJECTIONS DE SIGNAL DANS DES RESEAUX DE DISTRIBUTION**
[72] BROOKS, BRIAN E., US
[72] LU, YANG, SG
[72] TIO, ANDREW T., SG
[72] BENOIT, GILLES J., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2017-01-12
[86] 2015-07-14 (PCT/US2015/040357)
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[30] US (62/025,614) 2014-07-17

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[13] A1
[51] **Int.Cl. A61M 16/06 (2006.01) A61M 16/08 (2006.01)**
[25] EN
[54] **ADJUSTABLE POSITIVE AIRWAY PRESSURE OR VENTILATION SYSTEM**
[54] **SYSTEME DE VENTILATION OU A PRESSION EXPIRATOIRE POSITIVE REGLABLE**
[72] HARRISON, DONALD, US
[72] GOSLINE, ANDREW, US
[72] ARABAGI, VEACESLAV, US
[72] KAPELUS, AARON, US
[71] HUMAN DESIGN MEDICAL, LLC, US
[85] 2017-01-12
[86] 2015-07-16 (PCT/US2015/040724)
[87] (WO2016/011238)
[30] US (62/025,073) 2014-07-16
[30] US (62/025,077) 2014-07-16
[30] US (62/049,994) 2014-09-12

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[13] A1
[51] **Int.Cl. A61M 16/06 (2006.01)**
[25] EN
[54] **FACIAL INTERFACE AND HEADGEAR SYSTEM FOR USE WITH VENTILATION AND POSITIVE AIR PRESSURE SYSTEMS**
[54] **SYSTEME DE HARNAIS ET INTERFACE FACIALE A UTILISER AVEC DES SYSTEMES DE VENTILATION ET A PRESSION EXPIRATOIRE POSITIVE**
[72] HARRISON, DONALD, US
[72] GOSLINE, ANDREW, US
[72] ARABAGI, VEACESLAV, US
[72] KAPELUS, AARON, US
[71] HUMAN DESIGN MEDICAL, LLC, US
[85] 2017-01-12
[86] 2015-07-16 (PCT/US2015/040737)
[87] (WO2016/011246)
[30] US (62/025,073) 2014-07-16
[30] US (62/025,077) 2014-07-16
[30] US (62/049,994) 2014-09-12

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[13] A1
[51] **Int.Cl. D03D 15/12 (2006.01) D02G 3/04 (2006.01) D04B 1/16 (2006.01)**
[25] EN
[54] **FLAME RESISTANT FABRICS HAVING CELLULOSIC FILAMENT YARNS**
[54] **TISSUS IGNIFUGES AYANT DES FILS DE FILAMENTS CELLULOSIQUES**
[72] HABICHT, CHRISTINE J., US
[72] DUNN, CHARLES S., US
[72] STANHOPE, MICHAEL T., US
[72] COLATRUGLIO, MATTHEW LUCIUS, US
[71] SOUTHERN MILLS, INC., US
[85] 2017-01-11
[86] 2015-08-31 (PCT/US2015/047762)
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[30] US (62/043,737) 2014-08-29
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[51] **Int.Cl. A61M 16/06 (2006.01) A61M 16/08 (2006.01)**
[25] EN
[54] **FACIAL INTERFACE AND HEADGEAR SYSTEM FOR USE WITH VENTILATION AND POSITIVE AIR PRESSURE SYSTEMS**
[54] **SYSTEME DE HARNAIS ET INTERFACE FACIALE A UTILISER AVEC DES SYSTEMES DE VENTILATION ET A PRESSION EXPIRATOIRE POSITIVE**
[72] HARRISON, DONALD, US
[72] GOSLINE, ANDREW, US
[72] ARABAGI, VEACESLAV, US
[72] KAPELUS, AARON, US
[71] HUMAN DESIGN MEDICAL, LLC, US
[85] 2017-01-12
[86] 2015-07-16 (PCT/US2015/040741)
[87] (WO2016/011247)
[30] US (62/025,073) 2014-07-16
[30] US (62/025,077) 2014-07-16
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[25] EN
[54] **PISTON ACTUATED ROTARY UNION**
[54] **UNION ROTATIVE ACTIONNEE PAR UN PISTON**
[72] PETROU, ANTON A., US
[71] DEUBLIN COMPANY, US
[85] 2017-01-12
[86] 2015-07-17 (PCT/US2015/040904)
[87] (WO2016/011350)
[30] US (62/026,218) 2014-07-18

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[13] A1
[51] **Int.Cl. F24H 9/20 (2006.01) F24D 19/10 (2006.01) F24H 1/14 (2006.01)**
[25] EN
[54] **A GAS HEATER FOR WATER AND A GAS WATER HEATER**
[54] **DISPOSITIF DE CHAUFFAGE AU GAZ POUR EAU ET CHAUFFE-EAU AU GAZ**
[72] NG, WILSON, AU
[71] RHEEM AUSTRALIA PTY LIMITED, AU
[85] 2017-01-13
[86] 2015-05-27 (PCT/AU2015/050279)
[87] (WO2016/008001)
[30] AU (2014902723) 2014-07-15
[30] AU (2015900582) 2015-02-20

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[13] A1
[51] **Int.Cl. G06Q 50/06 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CLASSIFYING IN-SITU SENSOR RESPONSE DATA PATTERNS REPRESENTATIVE OF GRID PATHOLOGY SEVERITY**
[54] **SYSTEMES ET PROCEDES POUR CLASSIFIER DES MODELES DE DONNEES DE REPONSE DE CAPTEUR IN SITU REPRESENTATIFS D'UNE GRAVITE DE PATHOLOGIE DE GRILLE**
[72] BROOKS, BRIAN E., US
[72] LU, YANG, SG
[72] TIO, ANDREW T., SG
[72] BENOIT, GILLES J., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2017-01-12
[86] 2015-07-14 (PCT/US2015/040359)
[87] (WO2016/011014)
[30] US (62/025,617) 2014-07-17

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[13] A1
[51] **Int.Cl. A61B 17/34 (2006.01)**
[25] EN
[54] **EXCHANGER SURGICAL ACCESS PORT AND METHODS OF USE**
[54] **ORIFICE D'ACCES CHIRURGICAL DE TYPE ADAPTATEUR ET METHODES D'UTILISATION**
[72] RAVIKUMAR, SUNDARAM, US
[72] ALWARD, HARRY ALLAN, US
[72] OSBORNE, GUY, US
[71] TELEFLEX MEDICAL INCORPORATED, US
[85] 2017-01-12
[86] 2015-07-14 (PCT/US2015/040371)
[87] (WO2016/011023)
[30] US (62/024,999) 2014-07-15

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[13] A1
[51] **Int.Cl. A61L 24/04 (2006.01)**
[25] EN
[54] **IN SITU SOLIDIFYING COMPLEX COACERVATES AND METHODS OF MAKING AND USING THEREOF**
[54] **COACERVATS COMPLEXES DE SOLIDIFICATION IN SITU ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] STEWART, RUSSELL J., US
[71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US
[85] 2017-01-12
[86] 2015-07-14 (PCT/US2015/040377)
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[30] US (62/024,128) 2014-07-14

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[13] A1
[51] **Int.Cl. C25B 3/10 (2006.01) C07C 1/207 (2006.01) C10G 3/00 (2006.01)**
[25] EN
[54] **HIGH PRODUCTIVITY KOLBE REACTION PROCESS FOR TRANSFORMATION OF FATTY ACIDS DERIVED FROM PLANT OIL AND ANIMAL FAT**
[54] **PROCEDE DE REACTION DE KOLBE A HAUTE PRODUCTIVITE PERMETTANT UNE TRANSFORMATION DES ACIDES GRAS DERIVES D'UNE HUILE VEGETALE ET DES GRAISSES ANIMALES**
[72] JOSHI, CHANDRASHEKHAR H., CA
[72] HORNER, MICHAEL GLENN, US
[72] GIBSON, GRAHAM THOMAS THORNTON, CA
[72] MALEVICH, DZMITRY, CA
[71] ADVONEX INTERNATIONAL CORP., CA
[85] 2017-01-13
[86] 2015-05-22 (PCT/CA2015/050465)
[87] (WO2016/008035)
[30] US (14/331,390) 2014-07-15

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[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR INFORMATION SEARCH**
[54] **PROCEDES ET SYSTEMES DE RECHERCHE D'INFORMATIONS**
[72] SCHILLER, MARTIN ROY, US
[71] THE BOARD OF REGENTS OF THE NEVADA SYSTEM OF HIGHER EDUCATION ON BEHALF OF THE UNIVERSITY OF NEVADA, LAS VEGAS, US
[85] 2017-01-10
[86] 2015-07-02 (PCT/US2015/039131)
[87] (WO2016/007391)
[30] US (14/328,316) 2014-07-10

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[13] A1
[51] **Int.Cl. C07K 7/08 (2006.01) A61K 38/10 (2006.01) A61P 31/00 (2006.01) C07K 19/00 (2006.01) G01N 33/569 (2006.01) G01N 33/58 (2006.01)**
[25] EN
[54] **TARGETING PEPTIDES THAT BIND S. MUTANS, CONSTRUCTS COMPRISING SUCH PEPTIDES AND USES THEREOF**
[54] **PEPTIDES DE CIBLAGE QUI LIENT S. MUTANS, CONSTRUCTIONS COMPRENANT LESDITS PEPTIDES ET UTILISATIONS CORRESPONDANTES**
[72] ECKERT, RANDAL H., US
[72] KAPLAN, CHRISTOPHER W., US
[72] KYME, PIERRE A., US
[72] VARNUM, BRIAN C., US
[71] C3 JIAN, INC., US
[85] 2017-01-10
[86] 2015-07-07 (PCT/US2015/039439)
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[30] US (62/023,678) 2014-07-11

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[51] **Int.Cl. G06F 9/44 (2006.01) G06F 3/0481 (2013.01)**
[25] EN
[54] **APPLICATION LAUNCHER SIZING**
[54] **DIMENSIONNEMENT DE LANCEUR D'APPLICATION**
[72] TEDESCO, MEGAN L., US
[72] RAWAT, ANSHUL, US
[72] MACHALANI, HENRI-CHARLES, US
[72] SAREEN, CHAITANYA DEV, US
[72] KNAPP, JACLYN C., US
[72] AKERS, MATTHEW N., US
[72] SINGAL, POORVA, US
[72] ARNOLD, JEFF G., US
[72] UPHOFF, BRIAN E., US
[72] DUNCAN, RICHARD JENNINGS, US
[72] VRANJES, MIRON, US
[72] DOAN, CHRISTOPHER, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2017-01-12
[86] 2015-07-28 (PCT/US2015/042341)
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[30] US (14/448,716) 2014-07-31

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[51] **Int.Cl. B01J 23/00 (2006.01) B01J 32/00 (2006.01) B01J 37/02 (2006.01) C25B 1/04 (2006.01)**
[25] EN
[54] **CATALYTIC ASSEMBLY**
[54] **ENSEMBLE CATALYTIQUE**
[72] ZHAO, CHUAN, AU
[72] LU, XUNYU, AU
[71] NEWSOUTH INNOVATIONS PTY LIMITED, AU
[85] 2017-01-12
[86] 2015-08-11 (PCT/AU2015/000478)
[87] (WO2016/023065)
[30] AU (2014903122) 2014-08-11

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[13] A1
[51] **Int.Cl. H04L 12/24 (2006.01) H04L 12/26 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PROVIDING AUTOMATED SELF-HEALING VIRTUAL ASSETS**
[54] **PROCEDE ET SYSTEME DE FOURNITURE DE BIENS VIRTUELS D'AUTO-CICATRISATION AUTOMATISES**
[72] CABRERA, LUIS FELIPE, US
[72] LIETZ, M. SHANNON, US
[71] INTUIT INC., US
[85] 2017-01-12
[86] 2015-07-28 (PCT/US2015/042350)
[87] (WO2016/018849)
[30] US (14/448,326) 2014-07-31

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[13] A1
[51] **Int.Cl. G08B 13/00 (2006.01) G08B 21/10 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR CORRELATING SELF-REPORTING VIRTUAL ASSET DATA WITH EXTERNAL EVENTS TO GENERATE AN EXTERNAL EVENT IDENTIFICATION DATABASE**
[54] **PROCEDE ET SYSTEME POUR CORRELER DES DONNEES D'ACTIFS VIRTUELS AUTO-RAPPORTEURS AVEC DES EVENEMENTS EXTERNES POUR GENERER UNE BASE DE DONNEES D'IDENTIFICATEURS D'EVENEMENTS EXTERNES**
[72] LIETZ, M. SHANNON, US
[72] CABRERA, LUIS FELIPE, US
[71] INTUIT INC., US
[85] 2017-01-12
[86] 2015-07-28 (PCT/US2015/042356)
[87] (WO2016/018852)
[30] US (14/448,405) 2014-07-31

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[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) C07D 243/06 (2006.01)**
[25] EN
[54] **DIAZEPANE DERIVATIVES AND USES THEREOF**
[54] **DERIVES DE DIAZEPANE ET LEURS UTILISATIONS**
[72] BRADNER, JAMES E., US
[72] BUCKLEY, DENNIS, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2017-01-12
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[54] **MATERIAUX A MEMOIRES MULTIPLES ET SYSTEMES, PROCEDES ET APPLICATIONS ASSOCIES**
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[72] PEQUEGNAT, ANDREW NIKOLAS, CA
[71] SMARTER ALLOYS INC., CA
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[54] **DERIVES DE DIHYDROPTERIDINONE ET LEURS UTILISATIONS**
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[72] BUCKLEY, DENNIS, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
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[54] **USES OF SALT-INDUCIBLE KINASE (SIK) INHIBITORS**
[54] **UTILISATIONS D'INHIBITEURS DE KINASES INDUCTIBLES PAR UN SEL (SIK)**
[72] SHAMJI, ALYKHAN, US
[72] SUNDBERG, THOMAS, US
[72] GRAY, NATHANAEL, US
[72] XAVIER, RAMNIK, US
[72] SCHREIBER, STUART L., US
[72] CHOI, HWAN, GEUN, US
[72] LIANG, YANKE, US
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[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
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[54] **PROCESS FOR THE ACETYLATION OF WOOD**
[54] **PROCEDE POUR L'ACETYLATION DU BOIS**
[72] POL, BERNARDUS JOZEF MARIA, GB
[72] KAPPEN, THEODORUS GERARDUS MARINUS MARIA, GB
[71] TRICOYA TECHNOLOGIES LTD, GB
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[54] **ANTI-TREM2 ANTIBODIES AND METHODS OF USE THEREOF**
[54] **ANTICORPS ANTI-TREM2 ET LEURS PROCEDES D'UTILISATION**
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[72] SCHWABE, TINA, US
[72] AVOGADRI-CONNORS, FRANCESCA, US
[72] TASSI, ILARIA, US
[72] LAM, HELEN, US
[72] ROSENTHAL, ARNON, US
[71] ALECTOR LLC, US
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[54] **ENVIRONMENTALLY PROTECTED SWITCH AND DEVICE USING SAME**
[54] **COMMUTATEUR PROTEGE DE L'ENVIRONNEMENT ET DISPOSITIF L'UTILISANT**
[72] FORD, TIMOTHY D. F., CA
[71] 9609385 CANADA INC., CA
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[72] ZHAO, HAIGUANG, CA
[72] VOMIERO, ALBERTO, IT
[72] ROSEI, FEDERICO, CA
[71] INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE, CA
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[72] MANTLE, PAUL D., US
[72] MERRITT, MICHAEL, US
[72] HANNIFFY, PAUL, US
[72] BRESSNER, GORM, US
[72] JAFERIAN, JANICE M.K., US
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[54] **WATER SPRAYING DEVICE FOR ABOVE GROUND POOL**
[54] **DISPOSITIF DE PULVERISATION D'EAU D'UNE PISCINE HORS SOL**
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[72] HSU, YAW YUAN, CN
[71] INTEX MARKETING LTD., VG
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[54] **METHOD AND PLANT FOR THE PRODUCTION OF TEMPERED BITUMINOUS MIXTURES WITH RECLAIMED ASPHALT PAVEMENT**
[54] **PROCEDE ET INSTALLATION POUR LA FABRICATION DE MELANGES BITUMINEUX TREMPES AVEC UN MATERIAU RECUPERE DE MELANGES BITUMINEUX**
[72] RAMIREZ RODRIGUEZ, ANTONIO, ES
[72] OTERO ABAD, JOSE RAMON, ES
[72] GARCIA SANTIAGO, JACINTO LUIS, ES
[72] GUILLEN CARMONA, RAFAEL PABLO, ES
[72] DIAZ MARTIN, PATRICIA, ES
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[54] **PROCESS FOR ENHANCING THE VIABLE COUNTS OF LACTIC ACID BACTERIA AND USEFUL COMPOSITIONS THEREOF**
[54] **PROCEDE POUR RENFORCER LES NUMERATIONS VIABLES DE FERMENTS LACTIQUES, ET COMPOSITIONS UTILES DE CE PROCEDE**
[72] MAJEED, MUHAMMED, US
[72] ARUMUGAM, SIVAKUMAR, IN
[72] ALI, FURQAN, IN
[71] MAJEED, MUHAMMED, US
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[54] **APPAREIL ET PROCEDE DANS UN SYSTEME DE COMMUNICATIONS SANS FIL**
[72] WEI, YUXIN, CN
[71] SONY CORPORATION, JP
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[72] BURGOYNE, THOMAS W., US
[71] IONS PHARMACEUTICAL S.A R.L., LU
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[25] EN
[54] **METALLIC MATERIAL, AND CONDUCTIVE COMPONENT INCLUDING THE SAME**
[54] **MATERIAU METALLIQUE ET COMPOSANT DE TRANSPORT DE COURANT UTILISANT LEDIT MATERIAU METALLIQUE**
[72] NISHIYAMA, YOSHITAKA, JP
[72] IMAMURA, JUNKO, JP
[72] MASAKI, YASUHIRO, JP
[72] KIMOTO, MASANARI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **CONJUGUES DE DENDRIMERE SERVANT A DETERMINER LE TAUX DE RETENTION D'UNE MEMBRANE OU D'UNE STRUCTURE DE PORE**
[72] AHMAD, FARHAN, US
[72] QIU, JIAN M., US
[72] SINGH, AMARNAUTH, US
[72] MISH, BARBARA M., US
[71] PALL CORPORATION, US
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[54] **CONTAINER FOR STACKABLE PALLETTES EQUIPPED WITH AN UPPER REINFORCING FRAME**
[54] **CONTENEUR A PALETTE EMPILABLE MUNI D'UNE ARMATURE SUPERIEURE DE RENFORT**
[72] SENGELIN, MARC, FR
[72] HAMM, THIERRY, FR
[71] SOTRALENTZ PACKAGING, FR
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[54] **FALL PROTECTION APPARATUS WITH A MAST AND BOOM**
[54] **APPAREIL DE PROTECTION ANTI-CHUTE DOTE D'UN MAT ET D'UN BRAS**
[72] VETESNIK, JAN, CA
[71] TUFFBUILT PRODUCTS INC., CA
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[54] **A SYSTEM AND METHOD FOR RECAPTURING AND CLEANING FLUID**
[54] **UN SYSTEME ET UNE METHODE DE RECAPTURE ET DE NETTOYAGE DE FLUIDE**
[72] MELNYK, JEFF WAYNE, CA
[72] KISSICK, THOMAS ALAN, CA
[71] MELNYK, JEFF WAYNE, CA
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[54] **OCULAR IRRIGATION DEVICE AND METHOD**
[54] **DISPOSITIF D'IRRIGATION OCULAIRE ET METHODE**
[72] MORGAN, DANIEL T., US
[72] BIXBY, STEVEN H., US
[72] MORGAN, ZACH T., US
[72] DEVINE, JUDY G., US
[71] MORTAN, INC., US
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[54] **CATHETER EQUIPE D'UN MECANISME D'ELECTRODE**
[72] WU, STEVEN, US
[72] MIN, SUNGWOO, US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
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[54] **CONTROL DOCKING STATION FOR A ONE OR TWO STAGE LOCKING MECHANISM**
[54] **COMMANDE DE POSTE D'ACCUEIL DESTINEE A UN MECANISME DE VERROUILLAGE A UNE OU DEUX ETAPES**
[72] MORAN, ERIC M., US
[71] CONTROL DYNAMICS, INC., US
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[72] BRANDAUER, RICHARD, AT
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[54] **STENT INTRAVASCULAIRE SUPER-ELASTIQUE RADIO-OPAQUE**
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[54] **EMBALLAGE AMELIORE ET PROCEDE D'OUVERTURE**
[72] WETTON, AMY, GB
[72] DISAVINO, VINCENZO, GB
[72] CLARK, JO-ANN, GB
[72] LLOYD, ADAM, GB
[71] MONDELEZ UK R&D LIMITED, GB
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[54] **ROBOT AUTONOME DE NETTOYAGE DE SURFACE**
[72] DOOLEY, MICHAEL J., US
[72] ROMANOV, NIKOLAI, US
[72] CASE, JAMES PHILLIP, US
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[54] **SYSTEMS AND METHODS FOR SEMANTIC EDITORIAL CONTROL AND VIDEO/AUDIO EDITING**
[54] **SYSTEMES ET PROCEDES DE CONTROLE REDACTIONNEL SEMANTIQUE ET D'EDITION AUDIO/VIDEO**
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[72] WEITE, DAVID, US
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[54] **APPAREIL DE NETTOYAGE DE SURFACES « A SUPER-TETE »**
[72] CONRAD, WAYNE ERNEST, CA
[72] THORNE, JASON B., US
[72] XU, BARRY, CN
[72] CHEN, ROGER, CN
[72] HUTCHINSON, PETER, CN
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[54] **AUXILIARY DEVICE FOR PROVIDING MULTIMEDIA FUNCTIONALITY TO BATHING UNIT SYSTEM**
[54] **SYSTEME DE COMMANDE DE BAIGNOIRE FOURNISSANT UNE FONCTIONNALITE MULTIME IA, UNE FONCTIONNALITE DE TELEPHONE ET UNE FONCTIONNALITE D'ACCES A UN RESEAU DE DONNEES ET SYSTEME DE BAIGNOIRE ASSOCIE**
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[72] BEGIN, MICHEL, CA
[72] BROCHU, CHRISTIAN, CA
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[54] **REPROGRAMMING T CELLS AND HEMATOPOIETIC CELLS**
[54] **REPROGRAMMATION DE LYMPHOCYTES T ET DE CELLULES HEMATOPOIETIQUES**
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[72] DOMINGUEZ, ELIZABETH RONDON, US
[72] LEARISH, RANDY, US
[72] NUWAYSIR, EMILE, US
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[54] **CONTROLE DE TRANSPORTEUR PERSONNEL FONDE SUR UNE POSITION D'UTILISATEUR**
[72] KAMEN, DEAN, US
[72] AMBROGI, ROBERT R., US
[72] DATTOLO, JAMES J., US
[72] DUGGAN, ROBERT J., US
[72] FIELD, J. DOUGLAS, US
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[72] PIEDMONTE, MICHAEL D., US
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[54] **METHODES DE CONTROLE DES NEMATODES PARASITES DES VEGETAUX COMPRENANT L~APPLICATION DE COMPOSES D~OXAZOLE AUX PLANTES, AUX SEMENCES ET AU SOL**
[72] WILLIAMS, DERYCK J., US
[72] DIMMIC, MATT W., US
[72] HAAKENSON, WILLIAM P., JR., US
[72] WIDEMAN, AL, US
[72] SHORTT, BARRY J., US
[72] CHEESERIGHT, TIM, GB
[72] CRAWFORD, MICHAEL J., US
[71] MONSANTO TECHNOLOGY LLC, US
[22] 2008-08-13
[41] 2009-02-19
[62] 2,884,347
[30] US (60/955,448) 2007-08-13

[21] **2,953,189**
[13] A1
[51] **Int.Cl. H02G 3/08 (2006.01) H02G 3/12 (2006.01)**
[25] EN
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[72] DRECHSLER, DALE A., US
[72] SCANZILLO, THOMAS L., US
[71] HUBBELL INCORPORATED, US
[22] 2009-01-23
[41] 2009-08-29
[62] 2,650,907
[30] US (12/073,175) 2008-02-29

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[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) A61B 5/0205 (2006.01) A61B 5/08 (2006.01) A61B 5/1455 (2006.01) G06F 19/00 (2011.01)**
[25] EN
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[54] **ASSISTANT PERSONNALISE POUR L'ALIMENTATION ET LE BIEN-ETRE**
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[71] LIFEQ GLOBAL LIMITED, IE
[22] 2012-07-06
[41] 2013-01-17
[62] 2,839,141
[30] US (61/614,191) 2012-03-22
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[13] A1
[51] **Int.Cl. G06K 9/00 (2006.01) G06F 7/58 (2006.01) G06K 9/46 (2006.01)**
[25] EN
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[72] BECKER, JEAN-MARIE, FR
[72] FOURNEL, THEIRY, FR
[71] SIGNOPTIC TECHNOLOGIES, FR
[22] 2006-12-22
[41] 2007-06-28
[62] 2,634,603
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[30] US (60/774,618) 2006-02-21

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[21] **2,953,935**
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[51] **Int.Cl. G06F 17/30 (2006.01) G06Q 50/18 (2012.01)**
[25] EN
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[54] **SYSTEME ET PROCEDE POUR CREER ET UTILISER UNE CARTE DE RECHERCHE**
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[72] DALESSIO, JOHN ALEXANDER, US
[72] MULDER, JEREMY JACOB, US
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[72] MILLER, MOLLY, US
[72] PENDYALA, MAHESH, US
[72] FRASCONE, TODD JOSEPH, US
[72] RITTER, DOUGLAS N., US
[72] YIP, GORDON, US
[71] LEXISNEXIS, A DIVISION OF REED ELSEVIER INC., US
[22] 2011-12-08
[41] 2012-07-05
[62] 2,834,869
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[71] WAVELIGHT GMBH, DE
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[41] 2013-07-25
[62] 2,861,139

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[71] BECTON, DICKINSON AND COMPANY, US
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[51] **Int.Cl. E21B 34/08 (2006.01) F16K 15/02 (2006.01)**
[25] EN
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[54] **ENSEMBLE SOUPAPE ANTI-RETOUR POUR OPERATIONS DE STIMULATION DE PUITS**
[72] VEIT, JAN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[22] 2012-02-17
[41] 2012-09-13
[62] 2,827,888
[30] US (13/041,611) 2011-03-07

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[25] EN
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[72] GARCIA, DAVID HARRY, US
[71] FACEBOOK, INC., US
[22] 2012-09-27
[41] 2013-04-25
[62] 2,853,051
[30] US (13/277,080) 2011-10-19

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[13] A1
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[25] EN
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[72] HENSLEY, ROBERTA WALTON, US
[71] UNITED PARCEL SERVICE OF AMERICA, INC., US
[22] 2013-12-17
[41] 2014-06-26
[62] 2,891,876
[30] US (61/745,253) 2012-12-21
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[25] EN
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[72] CAMPION, DAVID, US
[72] BOYD, JASON, US
[72] DELEVE, TRAVIS, US
[72] VOGEN, WAYNE, US
[71] J.R. SIMPLOT COMPANY, US
[22] 2014-03-14
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[62] 2,906,098
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[13] A1
[51] **Int.Cl. C07K 16/00 (2006.01) C07K 7/06 (2006.01) C07K 16/28 (2006.01)**
[25] EN
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[72] RAJPAL, ARVIND, US
[72] SHELTON, DAVID LOUIS, US
[72] TRAN, THOMAS-TOAN, US
[71] RINAT NEUROSCIENCE CORP., US
[22] 2012-11-07
[41] 2013-05-16
[62] 2,854,720
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[25] EN
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[72] MINARSCH, STEPHEN, US
[71] THE BOEING COMPANY, US
[22] 2013-05-08
[41] 2014-03-13
[62] 2,879,949
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[51] **Int.Cl. A61B 17/90 (2006.01) A61B 17/86 (2006.01) A61B 17/88 (2006.01)**
[25] EN
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[72] NORMAN, THOMAS H., US
[72] ESPINOSA, ALEX, US
[72] DE QUEVEDO, WILLIAM GARCIA, US
[72] SALCEDO, JUAN, US
[71] SKELETAL DYNAMICS, LLC, US
[22] 2009-08-03
[41] 2010-02-04
[62] 2,732,648
[30] US (61/085651) 2008-08-01
[30] US (61/094228) 2008-09-04
[30] US (61/100138) 2008-09-25
[30] US (61/139274) 2008-12-19
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[25] EN
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[72] GRANT, KEVIN L., US
[72] SOEDERBERG, ERIC M., US
[72] ALTOBELLI, DAVID E., US
[72] FLYNN, DAVID, US
[72] SOLOVAY, KENNETH S., US
[72] KLEIN, SAMUEL, US
[72] LANGLOSS, TIM, US
[71] ASPIRE BARIATRICS, INC., US
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[41] 2008-02-14
[62] 2,852,273
[30] US (11/675,544) 2007-02-15
[30] US (11/675,527) 2007-02-15
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[13] A1
[51] **Int.Cl. C01B 3/44 (2006.01) C01B 3/34 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DUAL FLUIDIZED BED GASIFICATION**
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[72] APANEL, GEORGE, US
[72] WRIGHT, HAROLD A., US
[71] RES USA, LLC, US
[22] 2010-01-21
[41] 2010-08-12
[62] 2,881,239
[30] US (61/146,185) 2009-01-21

[21] **2,954,431**
[13] A1
[51] **Int.Cl. C12N 5/073 (2010.01) C12N 5/071 (2010.01) C12N 5/0735 (2010.01)**
[25] EN
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[72] REZANIA, ALIREZA, US
[71] LIFESCAN, INC., US
[22] 2008-11-25
[41] 2009-06-04
[62] 2,706,560
[30] US (60/990,529) 2007-11-27

[21] **2,954,450**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01) H04L 12/24 (2006.01)**
[25] EN
[54] **REFERENCE COUNT PROPAGATION**
[54] **PROPAGATION D'UN DENOMBREMENT DE REFERENCES**
[72] BEAVERSON, ARTHUR J., US
[72] CHITRAPU, KISHORE, US
[72] CZERKOWICZ, JOHN MICHAEL, US
[72] MANJANATHA, SOWMYA, US
[71] SIMPLIVITY CORPORATION, US
[22] 2012-05-11
[41] 2012-11-22
[62] 2,836,026
[30] US (13/106,927) 2011-05-13

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[13] A1
[51] **Int.Cl. C40B 30/06 (2006.01) C40B 30/04 (2006.01) C40B 40/02 (2006.01) C40B 50/06 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR AND METHODS OF IDENTIFYING ANTIGENS**
[54] **COMPOSITIONS ET METHODES POUR IDENTIFIER DES ANTIGENES**
[72] HIGGINS, DARREN E., US
[72] STARNBACH, MICHAEL N., US
[72] GIERAHN, TODD, US
[72] ROAN, NADIA R., US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[22] 2007-02-21
[41] 2007-08-30
[62] 2,642,748
[30] US (60/775,462) 2006-02-21
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ELF, JOHAN 2,954,378
ELKINS, ELIZABETH WINTERS 2,954,557
ELLMAUTHALER, ANDREAS 2,954,946
EMD MILLIPORE CORPORATION 2,954,425
EMEOTT, STEPHEN P. 2,951,849
EMEOTT, STEPHEN P. 2,951,852
ENDERLE, DANIEL 2,954,576
ENGELKE, GREGORY L. 2,954,625
ENGIE 2,950,627
ENTRUST, INC. 2,953,148
ENVASES UNIVERSALES DE MEXICO, S.A. P.I. DE C.V. 2,954,735
EQUINIX, INC. 2,951,939
ERBS, DARYL G. 2,954,571
ESCHEN, MARCUS 2,950,641
ESENALIEV, RINAT 2,954,176
ESPANA, BERNADETTE 2,950,989
ETHIER, GILBERT 2,954,759
EVANS, TAMARA 2,954,442
EVAPCO, INC. 2,954,660
EXOSOME DIAGNOSTICS, INC. 2,954,576
EXPRESSION PATHOLOGY, INC. 2,954,689
EXPRESSION PATHOLOGY, INC. 2,954,692
EXPRO NORTH SEA LIMITED 2,954,766
EYE ON AIR B.V. 2,952,412
EYEBRAIN MEDICAL, INC. 2,954,029
EZ MALE PADS, INCORPORATED 2,954,75[illegible]
FACEBOOK, INC. 2,954,377
FACEBOOK, INC. 2,954,430
FACEBOOK, INC. 2,954,861
FACTOR, ANDREY 2,954,982
FAHIMI, FARHAD 2,954,151
FAIVELEY TRANSPORT ITALIA S.P.A. 2,949,760
FALTER, MARTINA 2,951,585
FAN, GUANGMING 2,954,136
FAN, YIJING 2,954,366
FAN, YIJING 2,954,723
FANDIS S.P.A. 2,954,336
FANSELOW, DAN 2,954,794
FANTIN, PATRICK WALTER JOSEPH 2,954,240
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FARHADIROUSHAN, MAHMOUD 2,948,753
FARLEY, DANIEL G. 2,951,703
FARRAH, JOHN HARRISON 2,954,349
FARRAND, TOBIN E. 2,954,351
FAZEKAS, STEPHANE 2,948,986
FEHR, ERNST 2,949,413
FERNO-WASHINGTON, INC. 2,954,612
FERNO-WASHINGTON, INC. 2,954,618
FIBERHOME TELECOMMUNICATION TECHNOLOGIES CO.,LTD 2,954,451
FINN, OLIVERA J. 2,954,859
FINNEY, HELENE MARGARET 2,949,725
FINNEY, HELENE MARGARET 2,954,567
FINSCHI, LUKAS 2,952,156
FIO CORPORATION 2,954,749
FISCHER, CHRISTOPHER C. 2,954,053
FISCHER, JAY D. 2,954,881
FISCHER, LINDSEY G. 2,954,299
FISCHER, LINDSEY G. 2,954,419
FISHON, TODD 2,954,352
FISK, JAMES EVERRETT 2,954,240
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FITZSIMONS, ROBERT 2,954,794
FLAXMAN, ROBERT JOHN BONNER 2,949,313
FLETCHER, MARY ANNE 2,954,741
FLORENT, NICOLAS MARC 2,949,603
FLORES, ALEJANDRO 2,954,288
FLOW CONTROL LLC. 2,954,535
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FLUOR TECHNOLOGIES CORPORATION 2,954,917
FLUORESENTRIC, INC. 2,954,420
FLY TECHNOLOGIES INC. 2,954,550
FMC TECHNOLOGIES, INC. 2,954,375
FONSECA, BENEDITO J., JR. 2,951,849
FORD, TIMOTHY D. F. 2,955,092
FORNERA, TAZIO 2,950,645
FORREST, MATTHEW PHILIP JOHN 2,954,542
FOSHEE, DAVID L. 2,954,928
FOSSATI, ERNESTO 2,954,198
FOSTER, DAVIS 2,954,286
FOUNTAIN, THOMAS C. 2,954,557

FOURNIER, JOEL 2,954,938
FOX, MARK ROBERT 2,954,217
FRANCA, MARCOS P. 2,954,413
FRANCECOL TECHNOLOGY 2,954,718
FRANKEY, BRIAN 2,948,753
FRANKIEWICZ, WALTER F. 2,949,680
FRANKLIN, JAYME 2,955,007
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,949,286
FRAZER AND CRUICKSHANK LIVING TRUST DATED 3/24/1982 (THE) 2,954,480
FREDERICK, KEVIN W. 2,955,002
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FROHLICH, TIM 2,949,286
FROST TECH LLC 2,954,521
FROST, CHARLES, C. 2,954,521
FU, QIANG 2,954,498
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FUJII, KENICHI 2,954,748
FUJITA, JUN 2,954,242
FUKUDA, KEIICHI 2,954,242
FUNDACIO INSTITUT CATALA DE NANOCIENCIA I NANOTECNOLOGIA 2,954,435
FUNDACIO INSTITUT MAR D'INVESTIGACIONS MEDIQUES (IMIM) 2,954,952
FUNKE, HARALD 2,950,558
G-CON MANUFACTURING INC. 2,954,904
GAAL, PETER 2,952,635
GAAL, PETER 2,952,637
GAAL, PETER 2,952,833
GAAL, PETER 2,952,841
GAGNE, MARIELLE 2,954,759
GAGNON, YANN 2,954,185
GALITZ, CHARLES MICHAEL 2,954,332
GALITZ, CHARLES MICHAEL 2,954,416
GALLOU, CATHERINE 2,954,964
GANEEV, ALEXANDER AHATOVICH 2,954,608
GANN, CREED TAYLOR MORGAN 2,954,810
GAO, BO 2,954,731
GAO, HUIRONG 2,954,686
GARCIA FABREGAS, RUBEN 2,954,853
GARCIA SANTIAGO, JACINTO LUIS 2,955,110
GARCIA-BENGOCHEA, JAVIER 2,954,515
GARNIER, ANDRE 2,949,331
GARR, RONALD J. 2,954,259
GAUDREAU, LINDA 2,954,759
GAUTHIER, DAVID THOMAS 2,954,400
GAUTHIER, LAURY 2,954,938
GEA PROCESS ENGINEERING A/S 2,954,452
GEA PROCESS ENGINEERING A/S 2,954,457
GEIB, SONJA 2,949,442
GELLENS, RANDALL COLEMAN 2,952,835
GENENTECH, INC. 2,955,007
GENSCAPE INTANGIBLE HOLDING, INC. 2,954,810
GENZYME CORPORATION 2,954,768
GEORGIEV, TODOR GEORGIEV 2,951,277
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GEREMIA, JOHN M. 2,954,662
GERON, LAURENT 2,954,131
GIAMPIETRO, NATALIE C. 2,954,419
GIANOGLIO PANTANO, IOANA AGUSTINA 2,950,951
GIBSON, DAVID ANDREW 2,954,891
GIBSON, GRAHAM THOMAS THORNTON 2,955,050
GILBERT, LUKE A. 2,954,791
GILBERT, LUKE A. 2,954,920
GILBERT, REBECCA 2,954,494
GIORDANO, GERARDO 2,954,253
GIPHART, JOHAN ERIK 2,954,185
GIRISH, APARNA KRISHNAN 2,954,261
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GLEASON, PAUL 2,954,402
GLENN, ROBERT WAYNE JR. 2,950,931
GLINER, VADIM 2,954,507
GLOBAL TRAFFIC TECHNOLOGIES, LLC 2,952,455
GOBBER, CEDRIC 2,954,808
GOLDBERG, DENNIS 2,954,475
GOLDSMITH, MIRIAM E. 2,954,299
GOOGLE INC. 2,952,794
GORINTIN, LOUIS 2,950,627
GOROKHOV, ALEXEI YURIEVITCH 2,952,635
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GORRELL, JEFFREY 2,955,007
GORREPATI, SATEESH NAIDU 2,952,297
GOSKONDA, VENKAT R. 2,954,370
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GOULET, MARIE-CLAIRE 2,954,759
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GOVINDAN, PRAKASH 2,953,795
GOWLAND, PENELOPE ANNE 2,954,217
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GRACE, MICHAEL J. 2,954,838
GRACIA BOUTHELIER, MERCEDES 2,950,507
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GRASSI, MICHELE 2,954,121
GRAY, NATHANAEL 2,954,186
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GU, HAIFENG 2,954,136
GUAN, MINGYU 2,954,189
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GULBINAS, JASON 2,954,286
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GUPTA, DEVRAJ GAJRAJ 2,952,297
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GUSTAFSSON, MATTIAS 2,954,690
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HAGINOYA, NORIYASU 2,954,488
HAHN, CHRISTIAN JOACHIM 2,950,808
HAHNE, MICHAEL 2,954,951
HAIR, MICHAEL L. 2,954,259
HALIFAX BIOMEDICAL INC. 2,954,185
HALLIBURTON ENERGY SERVICES, INC. 2,950,951
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HAMAGUCHI, TOMOAKI 2,954,755
HAMERLY, MICHAEL E. 2,954,512
HAN, HAE CHUL 2,954,939
HAN, SCOTT 2,954,662
HAN, SEONG JOO 2,954,248
HAN, XIANGMIN 2,954,636
HANGZHOU GREAT STAR INDUSTRIAL CO., LTD. 2,954,537
HANGZHOU GREAT STAR INDUSTRIAL CO., LTD. 2,954,786
HANGZHOU GREAT STAR TOOLS CO., LTD. 2,954,537
HANGZHOU GREAT STAR TOOLS CO., LTD. 2,954,786
HANNIFFY, PAUL 2,955,100
HANSEN, JENS HENRIK 2,949,723
HAO, HUAIXIANG 2,954,831
HARADA, SAMUEL 2,954,286
HARALDSTED, HENRIK 2,954,452
HARALDSTED, HENRIK 2,954,457
HARBIN ENGINEERING UNIVERSITY 2,954,136
HARDHAM, JOHN MORGAN 2,954,632
HARDING, WESTON F. 2,954,387
HARI-BELLA HOLDINGS, LLC 2,954,254
HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED 2,952,836
HARRALL, SIMON J. 2,954,789
HARRIS, ROY 2,954,217
HARRISON, DONALD 2,955,020
HARRISON, DONALD 2,955,024
HARRISON, DONALD 2,955,028
HART, DOUGLAS E. 2,954,351
HARTMAN, ZACHARY C. 2,954,278
HARTMAN, ZACHARY C. 2,954,279
HARTUNG, DOUGLAS 2,954,966
HARVILL, THOMAS 2,954,171
HARWITH, MORGAN R. 2,954,469
HASEGAWA, AKIRA 2,954,748
HASHIDA, TAKASHI 2,954,340
HASHIMOTO, KOJI 2,954,973
HAUFF TECHNIK GMBH & CO. KG 2,954,208
HAY, RONNY 2,954,179
HAYAKAWA, MIHO 2,954,488
HAYASHI, TAKAAKI 2,954,748
HAYASHI, TAKAHIRO 2,954,610
HAYWARD INDUSTRIES, INC. 2,954,669
HE, LINHAI 2,952,422
HE, MOLLY 2,951,118
HEARTSEED INC. 2,954,242
HECKING, ANDREAS 2,950,808
HEDERSTIERNA, RICKARD 2,954,302
HEDMAN, PETER 2,953,258
HEIZTEX GMBH 2,953,174
HELLBERG, ESKO JOHANNES 2,954,240
HELLBERG, ESKO JOHANNES 2,954,241
HELLBERG, ESKO JOHANNES 2,954,244
HELLBERG, ESKO JOHANNES 2,954,247
HELLEDAY, THOMAS 2,950,780
HELLER, GEOFFREY SCOTT 2,952,234
HEMBROUGH, TODD 2,954,689
HEMBROUGH, TODD 2,954,692
HENDRY, FNU 2,952,348
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HENDRY, FNU 2,952,973
HERCHENREDER, STEFAN 2,948,967
HERRMANN, AXEL SIEGFRIED 2,950,337
HEWLETT, PHIL 2,954,730
HEWSON, KEVIN BLAY 2,954,542
HIBBARD, GLENN 2,954,550
HICKE, BRIAN 2,954,420
HICKS, JOHN KENNETH 2,954,467
HIFI ENGINEERING INC. 2,954,207
HIFI ENGINEERING INC. 2,954,211
HIGGINS, JEROMY ELWOOD 2,954,669
HIGGINS, JOSEPH P. 2,954,838
HIGGINS, JOSEPH P. 2,954,842
HILL, GEORGE ROLAND 2,954,473
HINE, ROGER G. 2,954,531
HIRAM (WA) PTY LTD 2,954,199
HIRANAKA, TAKASHI 2,954,753
HIRATA, HIROYUKI 2,954,755
HITACHI ZOSEN CORPORATION 2,954,973
HOAD, CAROLINE LOUISE 2,954,217
HOBBS, TROY WILLIAM 2,954,517
HOBIE CAT COMPANY 2,954,805
HODES, DANIEL 2,953,990
HOEGH, THOMAS B. 2,954,838
HOFFMEISTER, THOMAS 2,950,337
HOGAN, JEFF 2,954,417
HOGBERG, MATS 2,954,690
HOLLAND, BRIAN 2,950,765
HOLLINGER, ROBERT 2,954,304
HOLSON, BENJAMIN MICHAEL 2,954,377
HOLVOET, SERVAAS 2,950,667
HOMYK, ANDREW 2,954,561
HONEGGER, ANDREW 2,954,929
HORIKAWA, ATSUSHI 2,950,558
HORLBECK, MAX 2,954,791
HORN, GUNTHER 2,948,959
HORNER, MICHAEL GLENN 2,955,050
HORTON, FRED 2,954,188
HORTON, FRED 2,954,190
HORTON, JOHN COLEMAN 2,954,928
HORVATH SZABO, GEZA 2,953,923
HOSKINS, RICHARD 2,954,467
HOSPIRA, INC. 2,954,928
HOSSEINPOUR, DARIUSH 2,950,931
HOU, PANPAN 2,954,398
HOWA CORPORATION 2,954,739
HSIEH, CHENG-TEH 2,952,279
HSIEH, CHENG-TEH 2,952,457
HSIEH, CHENG-TEH 2,952,629
HSU, YAW YUAN 2,955,104
HUANG, XIZHONG 2,954,831
HUARD, IRENE 2,954,695
HUAWEI TECHNOLOGIES CO., LTD. 2,954,690
HUAWEI TECHNOLOGIES CO., LTD. 2,954,693
HUAWEI TECHNOLOGIES CO., LTD. 2,954,702
HUCULAK, JOHN C. 2,954,665
HUEMANN, THOMAS JOSEPH 2,954,332
HUEMANN, THOMAS JOSEPHG 2,954,416
HULL, JOHN 2,954,207
HULL, JOHN 2,954,211
HULSMANN, JOHN D. 2,954,355
HUMAN DESIGN MEDICAL, LLC 2,955,020
HUMAN DESIGN MEDICAL, LLC 2,955,024
HUMAN DESIGN MEDICAL, LLC 2,955,028
HUNDT, GREGORY ROBERT 2,954,265
HUNTSMAN INTERNATIONAL LLC 2,950,667
HUR, NAM-HO 2,954,492
HUTCHINSON, MATTHEW 2,955,007
HUTTER, CHARLES G. 2,954,530
HWAN, SUH-FON 2,954,494
IAIZZO, JENNA CHRISTINE 2,954,069
IAIZZO, PAUL ANTHONY 2,954,069
IANNOTTA, LEAHANN 2,954,396
IBARRA, DOMINIQUE 2,951,089
ICHIKAWA, HIROMITSU 2,954,157
ICHIKAWA, HIROMITSU 2,954,162
ICHIYAMA, KOSUKE 2,954,483
IDENIX PHARMACEUTICALS LLC 2,947,939
IFP ENERGIES NOUVELLES 2,954,695
IHI CORPORATION 2,954,750
IKEA SUPPLY AG 2,950,472
ILIESCU, VLAD 2,948,772
ILLEDITS, THOMAS 2,948,949

ILLUMINA, INC. 2,951,118
IMAMURA, JUNKO 2,955,125
INGRAM, ANTHONY L. 2,954,490
INNOPIX, INC. 2,954,625
INSPIRED TECHNOLOGIES, INC. 2,954,761
INSTITUCIO CATALANA DE RECERCA I ESTUDIS AVANCATS 2,954,435
INSTITUT CURIE 2,954,951
INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,955,094
INSTITUTE OF ENGINEERING PHYSICS 2,953,174
INSYS PHARMA, INC. 2,954,370
INSYS PHARMA, INC. 2,954,392
INTEGRATED MEDICAL SYSTEMS INTERNATIONAL, INC. 2,954,507
INTEL CORPORATION 2,954,996
INTER IKEA SYSTEMS B.V. 2,950,457
INTEX MARKETING LTD. 2,955,104
INTUIT INC. 2,955,067
INTUIT INC. 2,955,069
INVACARE CORP. 2,949,520
INVENTIO AG 2,948,949
INVENTIO AG 2,952,156
ION GEOPHYSICAL CORPORATION 2,954,260
IONS PHARMACEUTICAL S.A R.L. 2,955,114
IRELAND, HILARY SARA 2,954,849
IRVINE SCIENTIFIC SALES COMPANY, INC. 2,954,494
ISCAR LTD. 2,948,996
ISCAR LTD. 2,949,627
ISDER, MARK 2,954,794
ISEDA, ATSURO 2,954,755
ISHII, TETSUYA 2,954,617
ISHII, YOSHINORI 2,954,754
ISHTIAQ, FAISAL 2,951,849
ISHTIAQ, FAISAL 2,951,852
IVACHTCHENKO, ALEXANDRE VASILIEVICH 2,954,401
IVASHCHENKO, VOLODYMYR 2,954,982
IVEY, HENRY 2,954,165
IWAMIYA, TAKAHIRO 2,954,743
IYOKU, YUMI 2,954,245
IZUMIYA, KOUICHI 2,954,973
JAASKELAINEN, MIKKO 2,954,736
JACKO, RICHARD J. 2,954,684
JACOBSON, KATHLENE LAURIE 2,954,517
JAFERIAN, JANICE M.K. 2,954,571
JAFERIAN, JANICE M.K. 2,955,100
JAILLET, MARIE 2,951,089
JAIN, KRITARTH 2,952,234
JALILIAN, SEYED EHSAN 2,954,207
JALILIAN, SEYED EHSAN 2,954,211
JANG, JI HYE 2,954,248
JANG, VICTOR SHIH KWAN 2,954,788
JANSEN, ROBERT 2,954,274
JAROLA VISION B.V. 2,949,041
JENKINS, THOMAS R. 2,954,407
JENSEN, FINN 2,954,536
JENSEN, FINN 2,954,540
JEYAPAUL, JAGANATHAN 2,951,939
JFE STEEL CORPORATION 2,954,155
JI, TINGFANG 2,952,635
JI, TINGFANG 2,952,637
JI, TINGFANG 2,952,833
JIANGSU HANSOH PHARMACEUTICAL GROUP CO., LTD. 2,954,395
JIMBO, TAKESHI 2,954,488
JIN, KYO KOOK 2,954,939
JOHANSSON, PERTTI 2,953,894
JOHNSON, EZRA 2,954,671
JONES, BRETT C. 2,954,259
JONES, SIMON S. 2,954,522
JORNITZ, MAIK WOLFGANG 2,954,904
JOSHI, CHANDRASHEKHAR H. 2,955,050
JOSHI, PRASHANT RATNAKAR 2,954,553
JOSHI, RAJAN LAXMAN 2,952,629
JOTOKU, KANA 2,954,755
JU, YONGQING 2,948,835
JUNO THERAPEUTICS, INC. 2,954,414
JURGENSMEIER, MICHAEL JAMES 2,954,990
JURKIEWICZ, DAMON 2,949,520
JW PHARMACEUTICAL CORPORATION 2,954,491
KADISHSON YANAY, YINNON 2,954,225
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KAKEHI, HIROSHI 2,954,867
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KALL, HAKAN 2,950,472
KALLEWAARD-LELAY, NICOLE 2,954,780
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KAPLAN, CHRISTOPHER W. 2,955,057
KAPLAN, FARAN HAROLD 2,952,070
KAPPEN, THEODORUS GERARDUS MARINUS MARIA 2,955,083
KARAPETIAN, EMIL 2,954,428
KARAS, JOHN M. 2,954,270
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KARDAS, JASON CHRISTOPHER 2,954,805
KARLOV, VALERI I. 2,954,355
KARUNAKARAN, SANAL KUMAR 2,952,297
KASIOPTAS, ARGYRIOS 2,954,676
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KAWANORI, YUKIHIKO 2,954,337
KAWASAKI JUKOGYO KABUSHIKI KAISHA 2,950,558
KAWASAKI, MUTSUMI 2,954,486
KAZARI, MASAHIDE 2,950,558
KBH2230 PTY LTD 2,954,542
KC LNG TECH CO., LTD. 2,954,939
KELBIE, GRAEME M. 2,954,173
KELLY, CRAIG 2,953,331
KELLY, CRAIG 2,953,334
KENDRICK, WILLIAM D. 2,954,624
KERETT ELECTRONIC SERVICES LTD 2,950,042
KERWIN, KEVIN R. 2,954,410
KESTEN, RANDY J. 2,954,407
KETTERMAN, GREGORY SCOTT 2,954,805
KHAN, MOHAMMAD IBRAHEM 2,955,075
KHANDE, HEMANT NARENDRA 2,954,553
KHOROVETS, GENRIKH MARKOVICH 2,954,980
KHORYAEV, ALEXEY 2,954,996
KIM, HEUNG-MOOK 2,954,492
KIM, JEONG-CHANG 2,954,492
KIM, SE IL 2,954,248
KIMCHI, GUR 2,951,705
KIMOTO, MASANARI 2,955,125
KIMURA, HIROYUKI 2,954,750
KINDSTRAND, DANIEL HUGH 2,954,358
KINETIC RIVER CORP. 2,954,163
KING FAHD UNIVERSITY OF PETROLEUM & MINERALS 2,953,795
KINGSBURY, JONATHAN 2,954,536
KINGSBURY, JONATHAN 2,954,540
KITAJIMA, JUNICHI 2,950,558
KITCHEN, SCOTT G. 2,954,168
KLEMM, TORSTEN 2,951,214
KLIMAS, NANCY 2,954,741
KLINGLER, WAYNE PHILIP 2,954,332
KLINGLER, WAYNE PHILIP 2,954,416
KLONTZ, KEITH 2,954,281
KNAPP, JACLYN C. 2,955,064
KNORR-BREMSE GESELLSCHAFT MIT BESCHRANKTER HAFTUNG 2,949,853
KNUEPPEL, DANIEL I. 2,954,299
KOBAYASHI, KATSUHIRO 2,954,488
KOBAYASHI, KENJI 2,954,481
KODERA, YOSHIHIRO 2,954,239
KOETJE, ROBERT L. 2,954,270
KOGA, MASAOMI 2,954,606
KOGLER, CHRISTIAN 2,950,351

KOHLER, ROBERT E. 2,954,838
KOJIMA, KOYA 2,954,748
KOMATSU LTD. 2,954,753
KONDO, MASAKI 2,954,483
KONINKLIJKE PHILPS N.V. 2,951,761
KOPPEL, PAUL E. 2,954,917
KOREA RESEARCH INSTITUTE OF BIOSCIENCE AND BIOTECHNOLOGY 2,954,371
KORI, YASUYUKI 2,954,614
KOSTENKO, OLEG 2,954,386
KOTANI, MICHIHIKO 2,954,606
KOTRA, VISWANATH 2,954,219
KOUDOURIDIS, GEORGE 2,954,702
KOWALCZYK, MATTHEW 2,954,286
KOZLOWSKI, MICHAL MAREK 2,952,234
KRAEMER, CHAD 2,953,923
KRALL, JEFFREY P. 2,954,029
KRAUER, JURG 2,954,304
KRISHNAN, LAKSHMI 2,954,740
KRISHNAN, VENKATESH 2,952,286
KRISHNAN, VENKATESH 2,952,736
KRISHTUL, ROMAN 2,949,627
KRIZMAN, DAVID B. 2,954,689
KRIZMAN, DAVID B. 2,954,692
KROHN, JAMES 2,954,536
KROHN, JAMES 2,954,540
KTEILY, NASEEM E. 2,954,180
KUBOTA, FUKIKO 2,954,605
KUCHLER, KERVIN 2,951,214
KUKINO, SATORU 2,954,661
KUMAGAI, NAOKAZU 2,954,973
KUMAR, PARVEEN 2,951,939
KUMAR, RAJIV 2,954,725
KUROKAWA, YOSHITERU 2,954,239
KUSHNER, BRADLEY 2,949,520
KUSTERER, KARSTEN 2,950,558
KUTTANIKKAD, SREEJITH PULLOOR 2,949,723
KUZNETSOV, ALEXEY SERGEEVICH 2,954,307
KWON, SUN-HYOUNG 2,954,164
KWON, SUN-HYOUNG 2,954,492
KYAN, MATTHEW JAMES 2,954,438
KYB CORPORATION 2,954,239
KYME, PIERRE A. 2,955,057
KYUSHU UNIVERSITY, NATIONAL UNIVERSITY CORPORATION 2,954,605
L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE 2,951,089
L-3 COMMUNICATIONS CORPORATION 2,954,267
LADTKOW, CASEY M. 2,954,972
LADUCA, RONALD 2,954,352
LAM, HELEN 2,955,086
LAMBERT, WILLIAM THOMAS 2,954,419
LAMINE, ETIENNE 2,949,722
LANDIS+GYR, INC. 2,954,404
LANDMARK GRAPHICS CORPORATION 2,954,264
LANDRY, ALICIA 2,954,662
LANDSCAPE STRUCTURES INC. 2,955,004
LANGE, JEAN PAUL ANDRE MARIE JOSEPH GISHLAIN 2,954,306
LANGE, JEAN PAUL ANDRE MARIE JOSEPH GISHLAIN 2,954,308
LANZATECH NEW ZEALAND LIMITED 2,954,496
LANZAVECCHIA, ANTONIO 2,954,780
LAPALME, JEROME A. 2,954,719
LAPIDOT, NOA 2,954,274
LAPOINTE, PATRICK 2,954,437
LATTARD, VIRGINIE 2,950,989
LAU, MICHAEL HONSING 2,954,332
LAU, MICHAEL HONSING 2,954,416
LAUFER, ZOHAR 2,954,181
LAWSON, JAMES ALAN 2,954,274
LE ROY, SYLVAIN 2,954,695
LEAKAS, PAUL A. 2,954,894
LEAVITT, MARK 2,954,297
LEBLONC, GREG 2,954,151
LEE, HYEONG-KYU 2,954,371
LEE, JAE-YOUNG 2,954,164
LEE, JAE-YOUNG 2,954,492
LEE, SU UI 2,954,371
LEE, WAI YEW 2,954,788
LEE, WON-KYOUNG 2,954,491
LEE, YONGNAM 2,954,371
LEHMANN, MARIO 2,950,457
LEHMANN, MARIO 2,950,472
LEITA, BENJAMIN ALDO 2,954,203
LEONARD, ANDREW BARTLETT 2,952,234
LEVITATION SCIENCES LLC 2,954,623
LEVITATION SCIENCES LLC 2,954,673
LEVITSKY, HYAM I. 2,954,414
LEWIS, BENJAMIN 2,954,861
LEWIS, RYAN 2,954,515
LEYDON, GABRIEL 2,954,330
LG ELECTRONICS INC. 2,952,793
LI, DAPENG 2,954,688
LI, DAPENG 2,954,792
LI, DAPENG 2,954,796
LI, DAPENG 2,954,797
LI, HAODONG 2,954,281
LI, JUAN 2,954,548
LI, JUNYI 2,952,603
LI, LIXIN 2,954,443
LI, LIXIN 2,954,446
LI, RENXIANG 2,951,849
LI, RENXIANG 2,951,852
LI, WENQUAN 2,954,269
LI, XIANG 2,952,279
LI, XIANG 2,952,457
LI, XIAOYONG 2,954,345
LI, XIAOYONG 2,954,631
LI, XIAOYONG 2,954,747
LI, XUKE 2,954,189
LIANG, YANKE 2,954,186
LIANG, YANKE 2,954,187
LIANG, YANKE 2,955,082
LIAO, SUBO 2,954,642
LIAO, WEI-LI 2,954,689
LIAO, WEI-LI 2,954,692
LIAO, ZHONGYU 2,954,941
LIAW, WEI-CHENG 2,954,170
LIDEN, EVA CHRISTINA 2,954,676
LIENHARD, JOHN 2,953,795
LIETZ, M. SHANNON 2,955,067
LIETZ, M. SHANNON 2,955,069
LIFESCI PHARMACEUTICALS, INC. 2,954,814
LILLIE, BRIAN J. 2,951,939
LIN, HUA HSIANG 2,955,104
LIN, XIN XIN 2,955,007
LINDBERG, BJORN FREDRIK 2,954,676
LINDEMANN, JOHN D. 2,954,259
LINDEN, LEE CHARLES 2,954,861
LIPHATECH 2,950,989
LIPIMETIX DEVELOPMENT, LLC 2,954,475
LIU, BING 2,954,189
LIU, JIE 2,954,398
LIU, PINGSHENG 2,954,380
LIU, QING 2,954,203
LIVENS, STEFAN 2,954,348
LIXIL CORPORATION 2,954,867
LLORENTE ALONSO, JOAQUIM 2,954,817
LM WP PATENT HOLDING A/S 2,954,696
LOEFFLER, RANDY J. 2,955,002
LOHMANN & RAUSCHER GMBH & CO. KG 2,952,904
LOHR ELECTROMECANIQUE 2,950,349
LOHR ELECTROMECANIQUE 2,950,352
LORSBACH, BETH 2,954,345
LORSBACH, BETH 2,954,631
LORSBACH, BETH 2,954,747
LOSKE, GUNNAR 2,952,904
LOWENTHAL, HOWARD 2,949,520
LU, AIFENG 2,954,395
LU, PING 2,954,734
LU, XUNYU 2,955,065
LU, YANG 2,955,008
LU, YANG 2,955,019
LU, YANG 2,955,033
LU, ZHENG 2,954,266
LUEBBERS, MATTHEW T. 2,954,480
LUMAQUE-STEEMAN, LORNA MATEO 2,954,756
LUNDBERG, KENNETH 2,954,571
LUO, TAO 2,952,644
LUO, TAO 2,952,841
LUQUE VERA, SERGIO 2,954,853
LURIA, GILAD 2,954,479
LUZARDO, JUAN PABLO 2,950,951
LYERLY, HERBERT K. 2,954,278
LYERLY, HERBERT K. 2,954,279
LYRAS, DIMITRIS 2,954,448
LYTLE, FRANK 2,954,760
MABUCHI, YO 2,954,245

MACHALANI, HENRI-CHARLES 2,955,064
MACHIDA, YUKIO 2,954,157
MACHIDA, YUKIO 2,954,162
MACHINE ZONE, INC. 2,954,330
MACKENZIE, GORDON R. 2,954,173
MACLEAN, JIM 2,954,730
MAERSK OLIE OG GAS A/S 2,949,723
MAESTAS, AARON 2,954,355
MAGNESIUM ELEKTRON LIMITED 2,954,126
MAGNONE, ZACHARY L. 2,951,703
MAGUIRE, RICHARD KIRK 2,954,677
MAHESHWARI, GAGAN 2,951,939
MAHFOOTH, NAWAR BADIE FDHAL 2,954,438
MAHFOUZ, MOHAMED R. 2,954,679
MAHROUCHE, RACHID 2,954,436
MAHUTEAU, FLORENCE 2,954,951
MAIER, MARCEL 2,954,738
MAINSTAY MEDICAL LIMITED 2,950,905
MAIR, ANDREAS 2,949,853
MAJEED, MUHAMMED 2,955,111
MAKOSINSKI, ANN 2,954,586
MAKRIGIORGOS, GERASSIMOS 2,954,725
MALEVICH, DZMITRY 2,955,050
MALINOWSKI, JEFFREY 2,954,383
MALLADI, DURGA PRASAD 2,952,644
MALLADI, DURGA PRASAD 2,952,841
MALLINCKRODT LLC 2,954,642
MANENTI, LUIGI 2,954,831
MANITOWOC FOODSERVICE COMPANIES, LLC 2,954,571
MANITOWOC FOODSERVICE COMPANIES, LLC 2,954,800
MANITOWOC FOODSERVICE COMPANIES, LLC 2,955,100
MANO, HIROTSUGU 2,954,867
MANTIUK, RAFAL 2,951,872
MANTLE, PAUL D. 2,955,100
MARATHI, UPENDRA K. 2,954,175
MARCIANI, LUCA 2,954,217
MARCIANO, EDWARD LAWRENCE 2,954,669
MARCIREAU, DANIEL 2,949,432
MARICIC, RICHARD 2,954,152
MARKOVIC, ALEXANDER 2,954,506
MARR, HARRY B. 2,952,416
MARRONE, FRANK 2,954,188
MARRONE, FRANK 2,954,190
MARTEL, MICHELE 2,954,759
MARTIN, BRIAN ALEXANDER 2,953,024
MARX, JACQUELINE GAYLE 2,954,632
MASAKI, YASUHIRO 2,955,125
MASO SABATE, JORDI 2,954,808
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 2,953,795
MASTERMAN, THOMAS CRAIG 2,954,896
MASTERMAN, THOMAS CRAIG 2,954,936
MATAN, STEFAN 2,954,188
MATAN, STEFAN 2,954,190
MATCHUNG, JOHN BRADLEY 2,953,837
MATHEISL, MICHAEL 2,948,949
MATHIEU, ANNE 2,954,781
MATSON, STEVE R. 2,954,152
MATSUI, YUTAKA 2,954,155
MATSUNO, SHINSUKE 2,954,750
MATSUURA, KATSUHISA 2,954,743
MATTISON, RICHARD C. 2,954,838
MATUSAITIS, TOMAS ANDRIUS 2,954,332
MATUSAITIS, TOMAS ANDRIUS 2,954,416
MAYCOCK, MARK 2,949,510
MAYER, JORG 2,950,457
MAYER, JORG 2,950,472
MAYOR SANS, FERNANDO 2,954,808
MAYOR SANS, FERNANDO 2,954,817
MAYORGA MARTINEZ, CARMEN CLOTILDE 2,954,435
MAZZOCCOLI, JASON P. 2,954,684
MBIKOU, RODRET 2,954,718
MCAULIFFE, JOSEPHINE, MARY 2,954,780
MCCALL, WILLIAM JOHN 2,954,240
MCCALL, WILLIAM JOHN 2,954,241
MCCALL, WILLIAM JOHN 2,954,244
MCCALL, WILLIAM JOHN 2,954,247
MCCAWLEY, MATTHEW 2,954,665
MCCLURG, JOSEPH 2,954,642
MCCONNELL, JASON PAUL 2,954,069
MCCORKLE, JOHN W. 2,954,985
MCCULLOCH, DOROTHY 2,954,467
MCDONALD, ALAN 2,949,419
MCDONALD, ANDREW 2,954,814
MCGUINESS, STEPHEN JOHN 2,954,699
MCKNIGHT, GREGORY JOSEPH 2,954,400
MCKNIGHT, MICHELLE 2,954,396
MCLEOD, CASANDRA L. 2,954,419
MCQUILKIN, GARY L. 2,954,625
MECKEL, NATHAN K. 2,949,680
MEDARIAN, ROMAIN 2,954,718
MEDICAGO INC. 2,954,759
MEDIMMUNE, LLC 2,954,780
MEDOFF, MARSHALL 2,954,277
MEDOFF, MARSHALL 2,954,896
MEDOFF, MARSHALL 2,954,936
MEDTRONIC CRYOCATH LP 2,954,436
MEHAWEJ, JOHN 2,954,069
MEILLAN, JEAN-PIERRE 2,949,648
MEINWEISER, WILLIAM JOSEPH 2,954,048
MELAMUD, ALEXANDER 2,952,312
MEMED DIAGNOSTICS LTD. 2,954,601
MENARD, YANNICK 2,951,089
MENEZ-JAMET, JEANNE 2,954,964
MENON, MANAS 2,954,286
MERCK SHARP & DOHME B.V. 2,950,670
MERKOCI HYKA, ARBEN 2,954,435
MERLIN, SIMONE 2,952,481
MERRITT, MICHAEL 2,954,800
MERRITT, MICHAEL 2,955,100
MESA, DANIEL 2,954,302
METCELA INC. 2,954,743
MEZA, HUMBERTO V. 2,954,535
MEZZION PHARMA CO., LTD. 2,954,183
MI, GUJIE 2,954,545
MICELI, DAVID A. 2,954,921
MICELI, DAVID A. 2,954,927
MICELI, JOSEPH A. 2,954,921
MICELI, JOSEPH A. 2,954,927
MICHAUD, DOMINIQUE 2,954,759
MICHIELSEN, WAYNE D. 2,952,823
MICHIELS, BART 2,954,348
MICROLUTION INC. 2,954,929
MICROSOFT TECHNOLOGY LICENSING, LLC 2,954,400
MICROSOFT TECHNOLOGY LICENSING, LLC 2,955,064
MICROTECH MEDICAL TECHNOLOGIES LTD. 2,952,312
MIDORI USA, INC. 2,954,662
MIHAILOV, STEPHEN J. 2,954,734
MIKOLON, DAVID 2,955,009
MILENKOVIC, VLADISLAV 2,954,506
MILLS, GREGORY B. 2,954,761
MILNE, CRAIG 2,948,753
MILNE, JAMES R. 2,954,280
MILTON ROY EUROPE 2,951,089
MIN, CHENGYIN 2,954,522
MINAMI, MASAHARU 2,954,606
MINDALA, ROCHELLE 2,949,520
MIROV, RUSSELL NORMAN 2,954,561
MITCHELL, JAMES, A. 2,954,521
MITKO, SERGEJ VASILJEVITSJ 2,952,412
MITSUBISHI ELECTRIC CORPORATION 2,954,337
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,954,234
MITSUI CHEMICALS, INC. 2,954,748
MIYOSHI, HIROYUKI 2,954,239
MM TECHNOLOGY HOLDINGS, LLC 2,954,397
MO, QI 2,954,451
MODEC, INC. 2,954,232
MOEHRING, ANDREAS 2,951,214
MOHLER, KENDALL M. 2,954,414
MONDAL, BALARAM 2,954,474
MONITOR MASK INC. 2,954,178
MONROE, KATE 2,955,086
MONTAGUT VILADOT, CLARA 2,954,952
MOORE, MATTHEW D. 2,954,512
MORALES, JOHN 2,954,718
MORGAN, RONNIE GLEN 2,954,611
MORIN, DOMINIQUE 2,951,089
MORIOKA, NORIKO 2,954,750
MORISHITA, ATSUSHI 2,954,157
MORISHITA, ATSUSHI 2,954,162
MORREALE, JOHN D. 2,954,375
MORRELL, MARTIN JAMES 2,952,333
MOSES, TIMOTHY EDWARD 2,953,148
MOSS, SIMON BYFORD 2,954,557
MOUTTE, MAXENCE 2,950,981
MOVSAS, TAMMY Z. 2,954,893

MPJF PTY LTD 2,954,542
MRUTHIK, SRIKANTH 2,954,489
MUGELE, ULRICH 2,950,614
MUGNIER, FABIEN 2,950,652
MUKKAVILLI, KRISHNA KIRAN 2,952,635
MUKKAVILLI, KRISHNA KIRAN 2,952,637
MUKKAVILLI, KRISHNA KIRAN 2,952,833
MULLER, MARKUS 2,950,337
MUNRO, CHAD 2,954,185
MURATA, HIROMITSU 2,954,157
MURATA, HIROMITSU 2,954,162
MURDOCH, JOHN FORBES 2,954,199
MURPHREE, ZACHARY 2,954,990
MURPHY, ANASTASIA V. 2,954,662
MURPHY, MARK 2,954,891
MUTHUSAMY, RAMESH 2,954,335
MYERLEY, THOMAS S. 2,954,259
MYERS, STEPHEN 2,954,928
MYSTERY RANCH, LTD. 2,954,402
NAGANO, TAKASHI 2,954,347
NAIK, RAVINDRA 2,954,251
NAJMAN, ROMAIN 2,954,951
NAKAGAWA, YOSUKE 2,954,234
NAKAMURA, KOICHI 2,954,488
NAKAMURA, MASA 2,954,794
NAKAMURA, TAKUJU 2,954,232
NAM, JUNGHAK 2,952,793
NANO MPI HOLDINGS, INC. 2,954,982
NANT HOLDINGS IP, LLC 2,953,937
NANTOMICS, LLC 2,953,937
NARA, HIROMI 2,954,754
NASARC TECHNOLOGIES INC. 2,954,180
NASDAQ TECHNOLOGY AB 2,951,062
NASSABI, MOHAMMAD HOSSEIN 2,951,761
NATIONAL RESEARCH COUNCIL OF CANADA 2,954,734
NATIONAL RESEARCH COUNCIL OF CANADA 2,954,740
NAVON, ROY 2,954,601
NAVOT, AMIR 2,951,705
NEAFSEY, JEFFREY SCOTT 2,954,758
NEIMAN, GRIGORI 2,948,996
NELSON, STEPHEN 2,950,042
NELSON, TRAVIS 2,954,794
NEURIMMUNE HOLDING AG 2,954,738
NEWMAN, ARNOLD L. 2,953,990
NEWMARK, NOAH G. 2,954,469
NEWSOUTH INNOVATIONS PTY LIMITED 2,955,065
NEXEN ENERGY ULC 2,953,853
NFONGUEM, GUSTAVE 2,948,772
NG, WILSON 2,955,032
NGUYEN, PHILIP D. 2,954,266
NGWA, WILFRED 2,954,725
NI, HSIAO-TZU 2,954,494
NIAZI, ZAKARIYA 2,953,337
NIE, LINLIN 2,954,189
NIEMEYER, DAVID WILHELM 2,954,240
NIEMEYER, DAVID WILHELM 2,954,241
NIEMEYER, DAVID WILHELM 2,954,244
NIEMEYER, DAVID WILHELM 2,954,247
NIKIPELOV, ANDREY ALEXANDROVICH 2,954,307
NIPPON PAINT AUTOMOTIVE COATINGS CO., LTD. 2,954,867
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,954,755
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,955,125
NISHIMURA, HIDETAKA 2,954,481
NISHIYAMA, NORIHIDE 2,954,617
NISHIYAMA, YOSHITAKA 2,955,125
NISSAN MOTOR CO., LTD. 2,954,481
NIU, XIAOMU 2,954,686
NIYAZ, NOORMOHAMED M. 2,954,419
NOERHOLM, MIKKEL 2,954,576
NOGUCHI, YUKIKO 2,954,483
NOK CORPORATION 2,954,610
NOK CORPORATION 2,954,744
NONINVASIX, INC. 2,954,176
NORITZ CORPORATION 2,954,483
NORTHEASTERN UNIVERSITY 2,954,545
NORTHEASTERN UNIVERSITY 2,954,725
NOTTINGHAM UNIVERSITY HOSPITALS NHS TRUST 2,954,217
NOVA SOUTHEASTERN UNIVERSITY 2,954,741
NOVARTIS AG 2,954,831
NOWFLOATS TECHNOLOGIES PVT. LTD. 2,954,251
NOWOBILSKI, GRZEGORZ 2,954,929
NUMERI LTD. 2,954,386
NUNES, LEONARDO DE OLIVEIRA 2,954,946
O'CONNELL, DANIEL J. 2,949,246
O'CONNOR, ANDREW 2,954,662
OBSCHESTVO S OGRANICHENNOI OTVETSTVENNOSTYU "GELIZOVIT" 2,954,980
OCEANS LTD. 2,954,781
OH, BYUNG TAEK 2,954,939
OH, SEI-RYANG 2,954,371
OHMAN, OVE 2,954,360
OHTSUKA, YUJI 2,954,157
OHTSUKA, YUJI 2,954,162
OKABE, JUNYA 2,954,239
OKADA, HIROKAZU 2,954,755
OKADA, KUNIO 2,950,558
OKAMURA, KATSUMI 2,954,661
OKANO, HIDEYUKI 2,954,245
OKAZAKI, KOJU 2,954,748
OKUMURA, YOSHIHITO 2,954,867
OLDCASTLE BUILDING PRODUCTS CANADA INC. 2,954,442
OLESKE, PETER J. 2,954,283
OLIVEIRA, HUMBERTO ALMEIDA 2,954,266
OLIVER, ANDREW 2,954,758
OLSON, GAYLE L. 2,954,176
OLSON, SUSAN 2,954,810
OMEGA PROTEIN CORPORATION 2,954,548
OMER, AYYUB ABDULJAWAD 2,953,853
OMYA INTERNATIONAL AG 2,950,645
ONG, CHONG YANG 2,955,008
ONO, TOSHIHIDE 2,954,755
ONTARIO INSTITUTE FOR CANCER RESEARCH 2,954,764
OOHIGASHI, TAKESHI 2,954,483
OOMA, INC. 2,954,351
OORT, HARRIE 2,949,722
OOSHITA, WATARU 2,954,483
OP DEN BUIJS, JORN 2,951,761
OPIANT PHARMACEUTICALS, INC. 2,954,637
OPTIO LABS, INC. 2,954,984
ORITA, JEFFREY LANCE 2,954,789
OSADA, TAKUYA 2,954,278
OSADA, TAKUYA 2,954,279
OSAGAWA, KENTA 2,954,753
OSBORNE, CHARLES AGNEW, JR. 2,954,181
OSBORNE, GUY 2,955,040
OSBORNE, THOMAS WESLEY 2,952,470
OSBORNE, THOMAS WESLEY 2,952,623
OSTENDORF, SHAWN 2,954,383
OTA, MASAHIRO 2,954,488
OTERO ABAD, JOSE RAMON 2,955,110
OTONOMY, INC. 2,954,170
OVED, KFIR 2,954,601
OWENS CORNING INTELLECTUAL CAPITAL, LLC 2,954,636
PADUA OLIVEIRA, ELIANE 2,950,951
PALLA-VENKATA, CHANDRA SEKHAR 2,954,266
PALMER, NOEL ERWIN 2,954,397
PALWE, SNEHAL RAMESHWAR 2,954,553
PAN, YUANCHENG CHRISTOPHER 2,950,891
PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD. 2,954,340
PANDYA, RAJESH 2,954,392
PANEFRI INDUSTRIAL CO., LTD. 2,954,606
PANG, CHAO 2,952,279
PANG, CHAO 2,952,457
PANGA, MOHAN 2,953,923
PANOS, STEPHEN 2,954,662
PANTELEEV, SERGEY 2,954,996
PANTSURKIN, DANIL SERGEYEVICH 2,953,923
PAPARIN, JEAN-LAURENT 2,947,939
PARK, HEE JUN 2,950,891
PARK, SU-HA 2,954,491
PARK, SUNG-IK 2,954,164
PARK, SUNG-IK 2,954,492
PARKER, TOM 2,948,753
PARRANTO, GREGORY 2,954,529

PARSY, CHRISTOPHE CLAUDE 2,947,939
PASHINE, RAJAT 2,952,836
PATEL, MAHESH VITHALBHAI 2,954,553
PATENT TECHNOLOGY TRADING LIMITED 2,954,389
PATIL, RAHUL CHANDRAKANT 2,954,335
PATIL, SANDIP PRABHAKAR 2,954,335
PATTERSON, NICHOLAS 2,954,571
PAUWS, STEFFEN CLARENCE 2,951,761
PEDERSEN, ANDERS HOLMEN 2,954,452
PEDERSEN, ANDERS HOLMEN 2,954,457
PEDERSEN, BRAD 2,954,671
PELKUS, ADRIAN 2,954,877
PELLER, SPENCER 2,947,876
PELLICER, FERNANDO 2,954,581
PELLION TECHNOLOGIES, INC. 2,954,053
PENG, JIRONG 2,954,298
PENTERMAN, JOHN 2,954,442
PEPIN, STEEVE 2,954,759
PEQUEGNAT, ANDREW NIKOLAS 2,955,075
PEREIRA, BRUNO R. 2,954,413
PEREZ, IRANZU LAMBERTO 2,954,541
PERKINS, ALAN CHRISTOPHER 2,954,217
PERSSON, BRUCE J. 2,954,838
PETER, MARIA 2,954,307
PETERS, NILS GUNTHER 2,952,333
PETKUS, JEFF 2,954,419
PETRIE, JAMES ROBERTSON 2,954,203
PETROU, ANTON A. 2,955,030
PETROV, IRENE 2,954,176
PETROV, YURIY 2,954,176
PETTERSSON, LARS 2,953,894
PEVERADA, LINO 2,949,001
PHANOPOULOS, CHRISTOPHER 2,950,667
PHELAN, GERALD LEO, JR. 2,954,774
PHELAN, GERALD LEO, JR. 2,954,993
PHILLIP, ANDREW 2,954,929
PHILLIPS, JOHN MERRILL 2,951,401
PHYSICAL SYSTEMS, INC. 2,954,530
PICA, ANTONIO 2,954,695
PIONEER HI-BRED INTERNATIONAL, INC. 2,954,686
PIONEER HI-BRED INTERNATIONAL, INC. 2,954,953
PISKLAK, THOMAS JASON 2,954,611
PLAJA DILME, LAIA 2,954,632
PLANET H2O PTY LTD 2,954,434
PLANTE, JEAN-SEBASTIEN 2,948,772
PNEURON CORP. 2,954,557
PODHOREZ, DAVID E. 2,954,631
POGAREV, SERGEY EVGENEVICH 2,954,608
POL, BERNARDUS JOZEF MARIA 2,955,083
POLAKIEWICZ, ROBERTO D. 2,954,859
POLISETTY, CHANDRA MOULI 2,952,736
POROSKY, SARA E. 2,951,030
PORTABLE THERAPEUTIX, LLC 2,953,967
POTTA, THRIMOORTHY 2,954,370
PRACTECOL, LLC 2,954,640
PRAKASH, ANAND 2,954,349
PRAKOSO, MAX ROY 2,951,062
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,955,082
PREVITE, MICHAEL 2,951,118
PRIETO GARCIA, IGNACIO 2,950,507
PRIETO GRACIA, ANA 2,950,507
PRIETO GRACIA, DAVID 2,950,507
PRIETO GRACIA, FRANCISCO JAVIER 2,950,507
PRIETO GRACIA, JORGE 2,950,507
PRIETO GRACIA, MERCEDES 2,950,507
PRIETO SANTIAGO, FRANCISCO JAVIER 2,950,507
PROCESS METRIX, LLC 2,954,171
PROLITEC INC. 2,953,331
PROLITEC INC. 2,953,334
PROPHYLAXIS, LLC 2,954,526
PROTECTIVE SPORTS EQUIPMENT INTERNATIONAL, INC. 2,954,760
PROUGH, DANIEL S. 2,954,176
PROVOLO, DANIEL JOHN 2,954,677
PROXR, LLC 2,954,774
PROXR, LLC 2,954,993
PU, WEI 2,952,629
PUBILL MELSIO, ANNA 2,951,089
PULNOVO MEDICAL (WUXI) CO., LTD. 2,954,897
PUREC CO., LTD. 2,954,245
PYUN, DO-KYU 2,954,491
QI, LEI S. 2,954,791
QI, LEI S. 2,954,920
QIAN, SHAWN 2,954,814
QINETIQ LIMITED 2,949,313
QUALCOMM INCORPORATED 2,950,891
QUALCOMM INCORPORATED 2,951,277
QUALCOMM INCORPORATED 2,952,279
QUALCOMM INCORPORATED 2,952,286
QUALCOMM INCORPORATED 2,952,297
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QUALCOMM INCORPORATED 2,952,833
QUALCOMM INCORPORATED 2,952,835
QUALCOMM INCORPORATED 2,952,841
QUALCOMM INCORPORATED 2,952,973
QUANTUM FUEL SYSTEMS LLC 2,954,297
QUELLET, CHRISTIAN 2,950,981
R&DB FOUNDATION, KOREA MARITIME AND OCEAN UNIVERSITY 2,954,492
R-PHARM OVERSEAS INC. 2,954,401
RAACO A/S 2,954,493
RABHI, VIANNEY 2,949,729
RABIZADEH, SHAHROOZ 2,953,937
RAHALI, RACHID 2,947,939
RAIL-VEYOR TECHNOLOGIES GLOBAL INC. 2,954,240
RAIL-VEYOR TECHNOLOGIES GLOBAL INC. 2,954,241
RAIL-VEYOR TECHNOLOGIES GLOBAL INC. 2,954,244
RAIL-VEYOR TECHNOLOGIES GLOBAL INC. 2,954,247
RAJAGOPAL, RAJ 2,954,512
RAJENDRAN, VIVEK 2,952,736
RALPH, LOREN E. 2,954,267
RAMACHANDRAN, APARNA 2,954,576
RAMAKRISHNA, MANJUNATHA 2,954,358
RAMARAJU, KALAISELVAN 2,954,474
RAMASUBRAMONIAN, ADARSH KRISHNAN 2,952,348
RAMASUBRAMONIAN, ADARSH KRISHNAN 2,952,350
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RAMASUBRAMONIAN, ADARSH KRISHNAN 2,952,973
RAMIREZ RODRIGUEZ, ANTONIO 2,955,110
RAMIREZ, ANIBAL DIEGO 2,954,404
RAMIREZ, CHRISTINA 2,954,526
RAMSEY, PATRICK 2,954,165
RAMTEK, ARPAN SAMUEL 2,954,251
RANJAN, PRIYESH 2,954,736
RAPAKA, KRISHNAKANTH 2,952,279
RAPAKA, KRISHNAKANTH 2,952,457
RAPECKI, STEPHEN EDWARD 2,949,725
RAPECKI, STEPHEN EDWARD 2,954,567
RAPP GABRIELSON, VICKI JON 2,954,632
RAVIKUMAR, RAVI 2,954,917
RAVIKUMAR, SUNDARAM 2,955,040
RAWAT, ANSHUL 2,955,064
RAWAT, PRASHANT BRIJMOHANSINGH 2,950,905
RAYTHEON COMPANY 2,952,416
RAYTHEON COMPANY 2,954,355
RAYTHEON COMPANY 2,954,635
RAZ, GUY 2,954,430
REA, DAVID 2,954,297
REALE, MICHAEL 2,954,999
REAY, CURTIS RON 2,954,240
REAY, CURTIS RON 2,954,241
REAY, CURTIS RON 2,954,244
REAY, CURTIS RON 2,954,247
REED, JOHN 2,954,794
REGENTS OF THE UNIVERSITY OF MINNESOTA 2,954,069
REIGAN, PHILIP 2,954,560
REITSMA, PIETER H. 2,949,349
RELIANCE INDUSTRIES LIMITED 2,954,219
REMFRY, LEIGH 2,950,834
RENGA, JAMES M. 2,954,167
RENGA, JAMES M. 2,954,268
RENGA, JAMES M. 2,954,276
RENGA, JAMES M. 2,954,284
RENGA, JAMES M. 2,954,419
REPLICOR INC. 2,954,182
REPP, BRAD 2,954,671
REX, BRIAN 2,954,445
REYES, MAURICIO 2,951,769
REYNOLDS, KYLE 2,954,203
REZNIK, CARMEN GERALDINE 2,949,442
RHEEM AUSTRALIA PTY LIMITED 2,955,032
RHODIA OPERATIONS 2,954,396
RIGGS, JENNIFER 2,955,009
RIGSBEE, EMILY MARIE 2,954,419
RIMMER, STEPHEN 2,954,467
ROBERSON, BRIAN 2,954,269
ROBERSON, BRIAN 2,954,303
ROBERSON, JAMES H. 2,954,267
ROBERT, WANAT 2,951,872
ROBERTS, WILLIAM T. 2,954,719
ROBINSON, DAVID 2,952,782
RODGERS, EDDIE 2,954,267
RODITI, SOLOMON I. 2,954,896
RODRIGUEZ, HECTOR 2,954,928
ROESSLER, ROSS DAVID 2,952,234
ROMERO GALINDO, OSCAR 2,954,632
RONAGHI, MOSTAFA 2,951,118
RONNEKE, HANS BERTIL 2,953,258
ROQUETTE ITALIA S.P.A. 2,954,198
ROSEI, FEDERICO 2,955,094
ROSENTHAL, ARNON 2,955,086
ROSS, DAVID 2,954,560
ROSS, RONALD, JR. 2,954,747
ROTH, GARY 2,954,345
ROTH, GARY 2,954,631
ROVIRA GUERIN, ANA 2,954,952
ROWE, STANTON J. 2,954,428
RUCH, THOMAS 2,954,396
RUDA, KEVIN 2,954,069
RUIZ ESPANOL, JULIO, CESAR 2,954,817
RUSH, BEN 2,954,928
RUTT, PAUL 2,952,837
RYHORCHUK, KENT W. 2,952,856
RYOO, BYUNG-HWAN 2,954,371
RYTEC CORPORATION 2,954,383
RYU, HYUNG WON 2,954,371
RYZHOV, VLADIMIR VENIAMINOVICH 2,954,608
SAADE, GEORGE 2,954,176
SABHAPONDIT, ANUPOM 2,954,335
SACYR CONSTRUCCION, S.A.U. 2,955,110
SAFRAN AIRCRAFT ENGINES 2,949,603
SAITO, MIKIO 2,954,543
SAJIC, BRANKO 2,950,765
SAKAI, MASANOBU 2,954,481
SAKAMOTO, SUGURU 2,954,239
SAKASHITA, SHIGETO 2,954,155
SALLA, RAJENDER 2,954,341
SAMANTRAY, RONAK KUMAR 2,954,251
SAMPATH, ASHWIN 2,952,603
SAMPRONI, JENNIFER A. 2,954,563
SAMSUNG ELECTRONICS CO., LTD. 2,954,248
SAMSUNG ELECTRONICS CO., LTD. 2,954,363
SAMUEL, ROBELLO 2,954,264
SANAGOOY MOHARRER, MOHAMMAD ALI 2,954,434
SANBORN, JOHN ZACHARY 2,953,937
SANDERS, JOSEF 2,950,808
SANDIGE, MICHAEL LEE 2,952,234
SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE 2,954,282
SANJIV, KUMAR 2,950,780
SANKARAN, MUTHUMARIAPPAN 2,950,472
SANTEN PHARMACEUTICAL CO., LTD. 2,954,347
SANTHANAM, UMA 2,950,900
SAREEN, CHAITANYA DEV 2,955,064
SASAOKA, MASAAKI 2,954,347
SATAV, JAYKUMAR SATWAJI 2,954,553
SATERBAK, MATTHEW 2,954,838
SATO, MASASHI 2,954,481
SATO, SHUJI 2,954,859
SATO, YUSUKE 2,954,867
SATOU, KANETOMO 2,954,614
SATOU, KANETOMO 2,954,617
SAVAGE, LEE M. 2,954,635
SAVASTINUK, PAUL 2,952,234
SAVEL, ROBERT 2,954,170
SAVOIA, ALESSANDRO STUART 2,952,312
SAVREUX, FREDERIC 2,951,089
SAWANT, KAILAS 2,955,002
SCACCABAROZZI, LUIGI 2,954,307
SCARLESKI, WILLIAM J. 2,954,623
SCARLESKI, WILLIAM J. 2,954,673
SCHACHT, PAUL 2,954,536
SCHACHT, PAUL 2,954,540
SCHAEFER, DAVID 2,954,856
SCHAEFER, NORBERT 2,951,214
SCHAFFALITZKY, FREDERIK 2,951,705
SCHAFFER, ROBERT JAMES 2,954,849
SCHARES, JUSTIN ANDREW 2,954,953
SCHEER, DANIEL 2,950,349
SCHEER, DANIEL 2,950,352
SCHERRER, DIDIER 2,954,951
SCHERTZER, LINDA 2,951,761
SCHEUERLE FAHRZEUGFABRIK GMBH 2,950,614
SCHILLER, MARTIN ROY 2,955,054
SCHLAGE LOCK COMPANY LLC 2,954,358
SCHLAGE LOCK COMPANY LLC 2,954,758
SCHLAGE LOCK COMPANY LLC 2,954,763
SCHLUMBERGER CANADA LIMITED 2,953,923
SCHLUMBERGER CANADA LIMITED 2,954,531
SCHLUMBERGER CANADA LIMITED 2,954,620
SCHMIDT, CHRISTOPHER C. 2,954,152
SCHMIDT, GALE A. 2,954,152
SCHMITT, DANIEL 2,954,019
SCHNEIDER, JOSEPH A. 2,954,772
SCHNEIDER, PAUL ANTHONY 2,954,677
SCHOEN, ROBERT E. 2,954,859
SCHOENLE, VICTOR L. 2,954,838
SCHOONUS-GERRITSMA, GERRITDINA G. 2,950,670
SCHREIBER, STUART L. 2,955,082
SCHROEDER, TIMOTHY PAUL 2,954,612
SCHROEDER, TIMOTHY, PAUL 2,954,618
SCHUBERT, SHAI YEHOSHUA 2,953,967
SCHUITEMA, DENNIS J. 2,954,270
SCHULZ, ROBERT 2,948,949
SCHULZ, THOMAS 2,954,415
SCHUMACHER, ANDREW 2,954,383
SCHWABE, TINA 2,955,086
SCHWANK, JOHANN WALTER 2,954,040
SCOTT, EDWARD DOCHERTY 2,952,164

SCOTT, MARK D. 2,954,440
SEAKR ENGINEERING, INC. 2,952,837
SEIGAL, BENJAMIN A. 2,954,662
SEKI, NAOKI 2,954,750
SEKISUI CHEMICAL CO., LTD. 2,954,614
SEKISUI CHEMICAL CO., LTD. 2,954,617
SEMBA, HIROYUKI 2,954,755
SEN, DIPANJAN 2,952,333
SENSITY SYSTEMS INC. 2,952,856
SEO, JUNGDONG 2,952,793
SEQUENOM, INC. 2,950,731
SFC KOENIG AG 2,954,304
SHAMJI, ALYKHAN 2,955,082
SHAMS, KHAWAJA SALMAN 2,951,429
SHANGHAI BIRDIE BIOTECH, INC. 2,954,443
SHANGHAI BIRDIE BIOTECH, INC. 2,954,446
SHARP, DANIEL R. 2,954,763
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,949,442
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,954,306
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,954,308
SHELL-CASE, LTD. 2,954,618
SHEN, BIN 2,948,835
SHERRY, KYLE 2,954,662
SHERWOOD, NANCY S. 2,954,480
SHI, JINRUI 2,954,686
SHI, TAO 2,955,009
SHIELDS, DAMIAN 2,949,419
SHIMADA, DAISUKE 2,954,234
SHIMAZOE, TOSHIHIRO 2,954,744
SHIN, DAE-HEE 2,954,371
SHIN, IN-SIK 2,954,371
SHIRAE, SATOSHI 2,954,347
SHIROFF, JASON ALAN 2,950,905
SHOLUPOV, SERGEY EVGENEVICH 2,954,608
SHOWKATHALI, ASIF HASSAN 2,954,445
SHULTZ, ROBERT 2,951,062
SIBILIA, MORDECHAI MARK 2,954,438
SIEBENMAN, TED 2,954,640
SIEMENS AKTIENGESELLSCHAFT 2,954,019
SIEMENS HEALTHCARE DIAGNOSTICS INC. 2,954,563
SIEMENS INDUSTRY, INC. 2,950,438
SIGNAL PHARMACEUTICALS, LLC 2,955,009
SILIXA LTD. 2,948,753
SILVA, EDWARD J. 2,954,684
SILVERTHREAD, INC. 2,952,239
SINGAL, POORVA 2,955,064
SINGH, DEEPAK 2,951,401
SINGH, ROMI BARAT 2,954,474
SINGH, SURINDER PAL 2,954,203
SITNIKOV, PIOTR FJODOROWITSCH 2,953,174
SIWAK, GREG 2,954,640
SKANSKA SVERIGE AB 2,953,894
SKOG, JOHAN KARL OLOV 2,954,576
SKROBIS, KENNETH JAMES 2,948,835
SMART MEDICAL SYSTEMS LTD. 2,954,479
SMARTER ALLOYS INC. 2,955,075
SMEE, JOHN EDWARD 2,952,635
SMEE, JOHN EDWARD 2,952,637
SMEE, JOHN EDWARD 2,952,833
SMITH & NEPHEW PLC 2,954,467
SMITH, ALFONSO MARTINEZ 2,951,849
SMITH, JACOB CODY 2,954,669
SMITH, JASON 2,954,375
SMITH, NICOLE 2,954,397
SMITH, RICHARD 2,954,856
SMITS, TINE 2,951,761
SOFTBANK ROBOTICS EUROPE 2,950,652
SOFTBANK ROBOTICS EUROPE 2,950,660
SOLDATI, PABLO 2,954,702
SOLE ROJALS, JOEL 2,952,279
SOLE ROJALS, JOEL 2,952,457
SOLE ROJALS, JOEL 2,952,629
SOLEM, SIGURD 2,954,444
SOLVAY USA INC. 2,955,002
SOMALOGIC, INC. 2,949,246
SOMASUNDARAM, KIRAN KUMAR 2,952,644
SOMERS, PIERRE 2,954,437
SONG, HYUK-HWAN 2,954,371
SONG, JIE 2,954,380
SONNTAG, CHRISTIAN 2,952,794
SONY CORPORATION 2,953,024
SONY CORPORATION 2,954,280
SONY CORPORATION 2,955,113
SOON-SHIONG, PATRICK 2,953,937
SORENSEN, JAKOB KRYGER 2,954,452
SORENSEN, JAKOB KRYGER 2,954,457
SORIAGA, JOSEPH 2,952,635
SORIAGA, JOSEPH 2,952,637
SORIAGA, JOSEPH 2,952,833
SORIAGA, JOSEPH BINAMIRA 2,952,422
SOSNIN, SERGEY 2,954,996
SOUNDARARAJAN, PADMANABHAN 2,954,865
SOUTHERN MILLS, INC. 2,955,026
SOUZA, JOHN, JR. 2,954,515
SPARKS, THOMAS C. 2,954,299
SPARKS, THOMAS C. 2,954,419
SPEARS, MELANIE 2,954,764
SPECTOR, YUVAL 2,954,618
SPECTRUM BRANDS, INC. 2,954,677
SPILLER, ROBIN CHARLES 2,954,217
SPRENGER, GEORG A. 2,954,456
SPRINKLE, AARON 2,954,800
SPROTT, G. DENNIS 2,954,740
SRIDHAR, SRINIVAS 2,954,725
SRINIVASAN, VENUGOPAL 2,954,865
SSC SWISS SHIELDING CORPORATION AG 2,949,413
STACY, KYLE 2,954,929
STANHOPE, MICHAEL T. 2,955,026
STANISIC, STEVAN 2,954,788
STEFKOVIC, GREG R. 2,954,498
STEINER, CHRISTOPHER W. 2,954,270
STEPAN COMPANY 2,950,765
STEWART, RUSSELL J. 2,955,048
STOCKEY, DAVID A. 2,954,288
STOCKMAN, KENNETH E. 2,954,276
STOKELY, CHRISTOPHER LEE 2,954,946
STONE, MATTHEW ROBERT 2,948,835
STONEAGE, INC. 2,954,772
STOPA, JERZY 2,949,648
STORK GENANNT WERSBORG, INGO 2,950,369
STRASHEK, JASON 2,954,788
STRATMANN, MARTIN 2,951,214
STRAUS, ALBERT E. 2,954,760
STROGANOV, ALEXANDER ANATOLEVICH 2,954,608
STUCKRATH, CARL 2,951,214
STURTEVANT, DANIEL J. 2,952,239
STYLES, ANGUS MACGREGOR 2,954,260
SUBASINGHA, SUBASINGHA SHAMINDA 2,952,736
SUBRAMANIAN, SUNDAR 2,952,603
SUEZ GROUPE 2,954,812
SUKHAVASI, RAVI TEJA 2,952,644
SUMITOMO ELECTRIC HARDMETAL CORP. 2,954,661
SUMITOMO ELECTRIC INDUSTRIES, LTD. 2,954,661
SUMITOMO METAL MINING CO., LTD. 2,954,605
SUN PHARMACEUTICAL INDUSTRIES LIMITED 2,954,474
SUN, LINLIN 2,954,545
SUN, ZHONGNING 2,954,136
SUNDBERG, THOMAS 2,955,082
SUNDQUIST, JOHN 2,954,928
SUNSHINE LAKE PHARMA CO., LTD. 2,954,189
SURJAATMADJA, JIM BASUKI 2,954,338
SUZUKI, TAKASHI 2,954,488
SVENSSON, HAKAN 2,953,894
SWANZEY, TODD 2,954,498
SWARD, NATHAN 2,953,331
SWARD, NATHAN 2,953,334
SWETE, WOLFGANG 2,950,351
SWONGER, LAWRENCE RALPH 2,954,639
SZCZEPANIK, KAMIL 2,954,929
SZPUNAR, DARIUSZ 2,954,766
TABOR, RICK 2,950,765
TAKANO, HIROYUKI 2,954,973
TAKEDA, NOBUHIRO 2,954,483
TAM, ANGELA 2,954,831
TAMANG, DAVID LEE 2,954,522
TAMMAM, ERIC S. 2,952,312
TANAKA, KATSUKI 2,954,755
TANAKA, MASATOSHI 2,954,157
TANAKA, MASATOSHI 2,954,162
TANENBAUM, MARVIN E. 2,954,920
TANG, WEN 2,954,555
TANNER, HOWARD 2,953,331

TANNER, HOWARD 2,953,334
TARANEKAR, PRASAD 2,954,911
TARGAZYME, INC. 2,954,534
TASSI, ILARIA 2,955,086
TAZI, JAMAL 2,954,951
TECH M3, INC. 2,949,680
TEDESCO, MEGAN L. 2,955,064
TELEFLEX MEDICAL INCORPORATED 2,955,040
TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) 2,953,258
TERLIUC, GAD 2,954,479
TERMANINI, ZAFER 2,954,500
TERSKIKH, ALEXEY V. 2,954,282
TESCO CORPORATION 2,949,671
TESNIERE, MARC PATRICK 2,949,603
TESSITORE, JOSEPH ANTHONY 2,954,669
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